

Texaco, Inc  
Robert Schaffitzel  
801 748 - 5395

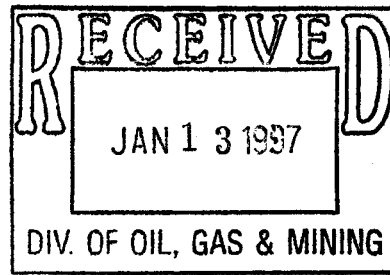
749 - 1598  
Prod Sup. Ron W. rtt



Texaco Exploration and Production Inc

3300 N Butler  
Farmington NM 87401

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple  
Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801



Jan. 8, 1997

RE: **Application for Permit to Drill (APD)**  
State of Utah 'U' No. 2-48 , Surf Loc: 646' FNL, 2084' FEL, Unit B  
Sec. 2-T18S-R7E  
Emery County, Utah

Gentlemen:

Texaco Exploration and Production Inc. is seeking approval from the Division of Oil, Gas and Mining to drill an exploratory well to test the Ferron formation. . Texaco requests confidential status of this well and all information pertaining to it.

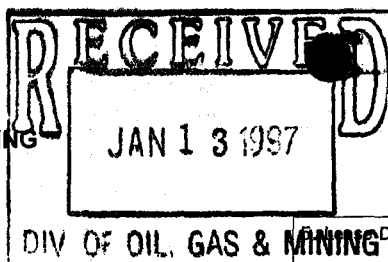
Your attention to this matter is greatly appreciated. If you have any questions concerning this matter please contact me at 505-325-4397, ext. 20.

Sincerely,

*Ted A. Tipton*

Ted A. Tipton  
Operating Unit Manager  
RSD/s, Attachments

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING



Designation and Serial No.

ML-45905

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work **DRILL** ☒ **DEEPEN** ☐  
 1b. Type of Well  
 OIL WELL ☐ GAS WELL ☒ OTHER COAL-BED METHANE  
 SINGLE ZONE ☒  
 MULTIPLE ZONE ☐

2. Name of Operator  
 TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No.  
 3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At Surface  
 Unit Letter B : 646 Feet From The NORTH Line and 2084 Feet From The EAST Line  
 At proposed prod. zone

14. Distance In Miles and Direction from Nearest Town or Post Office\*  
 APPROX. 4-1/2 MI. NORTHWEST OF ORANGEVILLE, UTAH

15. Distance From Proposed\* Location to Nearest Property or Lease Line, Ft. (also to nearest drig. unit line, if any) 646'

16. No. of Acres in Lease  
 640

18. Distance From Proposed Location\* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft. 2625'

19. Proposed Depth  
 3750'

21. Elevations (Show whether DF, RT, GR, etc.)

KB DF 6544' GR

22. Approx. Date Work Will Start\*

2/1/97

## 23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	300'	180 SX
8-3/4"	7"	23#	3370'	176 SX

Describe Proposed Program: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured true verticle depths. Give blowout preventer program, if any.

TEXACO EXPLORATION & PRODUCTION, INC. PROPOSES TO DRILL A WELL TO A DEPTH OF 3750' TO TEST THE FERRON SAND AND ASSOCIATED COALS FOR PRODUCTIVE QUANTITIES OF NATURAL GAS. IF THE WELL IS UNPRODUCTIVE, IT WILL BE PLUGGED AND ABANDONED AS PER STATE OF UTAH REQUIREMENTS.

PLEASE BE ADVISED THAT TEXACO EXPLORATION & PRODUCTION, INC. HAS BEEN AUTHORIZED BY PROPER LEASE INTEREST OWNERS TO CONDUCT OPERATIONS ON THE ABOVE MENTIONED LOCATION. TEXACO EXPLORATION & PRODUCTION, INC. AGREES TO BE RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR OPERATIONS CONDUCTED UPON THE LEASE LANDS.

BOND COVERAGE FOR THIS WELL IS PROVIDED BY BOND NO. CO-0058 (NATIONWIDE BOND). THE PRINCIPAL IS TEXACO EXPLORATION & PRODUCTION, INC. VIA SURETY CONSENT AS PROVIDED FOR IN 43 CFR-3104.2.

# CONFIDENTIAL

24. (This space for State use only)

SIGNATURE *Ted A. Tipton* TITLE Operating Unit Manager

DATE 1/7/97

TYPE OR PRINT NAME Ted A. Tipton

API Number Assigned 43-015-30306

APPROVAL

*John R. Baya*  
 Petroleum Engineer

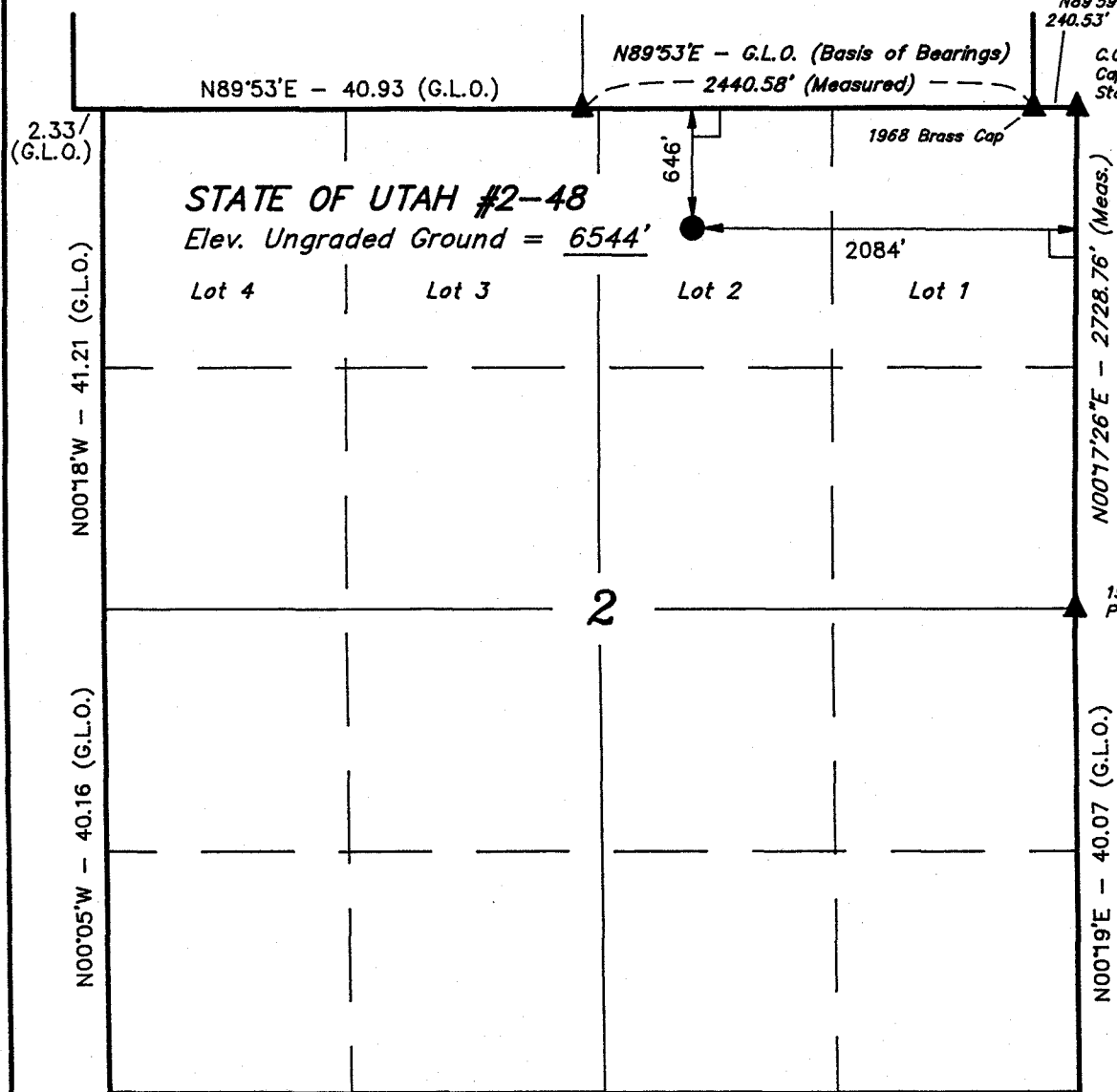
4/24/97

**T18S, R7E, S.L.B.&M.**

**Sec. 35**

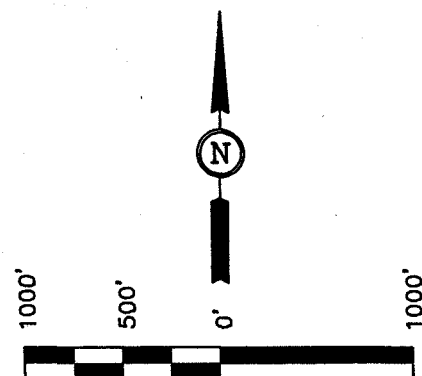
**TEXACO EXPLR. & PROD., INC.**

Well location, STATE OF UTAH #2-48, located as shown in Lot 2 of Section 2, T18S, R7E, S.L.B.&M. Emery County, Utah.



**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 2, T18S, R7E, S.L.B.&M. TAKEN FROM THE RED POINT QUADRANGLE, UTAH, EMERY COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6687 FEET.



**SCALE**

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**

**85 SOUTH 200 EAST - VERNAL, UTAH 84078**  
**(801) 789-1017**

**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 12-12-96	DATE DRAWN: 1-3-97
PARTY B.B. D.R. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE TEXACO EXPLR. & PROD., INC.	

**DRILLING PROGRAM**

OPERATOR: TEXACO EXPLORATION & PRODUCTION, INC.  
WELL NAME: STATE OF UTAH #2-48  
LEASE NUMBER: ML - 45905  
LOCATION: 646' FNL - 2084' FEL, SECTION 2, T18S/R7E SLPM, EMERY CO., UTAH

1. **ESTIMATED TOPS OF GEOLOGIC MARKERS**

THE ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS ARE AS FOLLOWS:

<u>FORMATION</u>	<u>DEPTH</u>	<u>SUBSEA</u>
BLUEGATE SHALE	100'	+6470
FERRON FM	3370'	+3200
T.D.	3750'	+2820

2. **ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS, WATER, OR OTHER MINERAL BEARING ZONES**

<u>SUBSTANCE</u>	<u>FORMATION</u>	<u>DEPTH</u>
WATER, GAS	FERRON COALS	3370'
GAS	FERRON SANDSTONES	3370'
OIL	N/A	
OTHER MINERALS	N/A	

ALL FRESH WATER AND PROSPECTIVELY VALUABLE MINERALS ENCOUNTERED DURING DRILLING, WILL BE RECORDED BY DEPTH AND ADEQUATELY PROTECTED. ALL OIL AND GAS SHOWS WILL BE TESTED TO DETERMINE COMMERCIAL POTENTIAL.

ALL WATER SHOWS AND WATER-BEARING SANDS WILL BE REPORTED TO THE STATE OF UTAH, ON FORM OGC-8-X

3. **CASING PROGRAM**

THE PROPOSED CASING PROGRAM WILL BE AS FOLLOWS:

<u>PURPOSE</u>	<u>DEPTH</u>	<u>HOLE SIZE</u>	<u>O.D.</u>	<u>WEIGHT</u>	<u>GRADE</u>
SURFACE	0-300'	12-1/4"	9-5/8"	36#	K-55
INTERMED.	0-3370'	8-3/4"	7"	23#	K-55
PRODUC.	3370'-3750'	OPEN HOLE			

4. **CEMENT PROGRAM**

THE CEMENT PROGRAM WILL BE AS FOLLOWS:

SURFACE  
0-300'

TYPE AND AMOUNT

CEMENT TO SURFACE WITH 180 SX CLASS "G" CEMENT.  
W/ 2% CaCl & 1/4#/SK CELLOPHANE FLAKES. 1.15 CU.  
FT./SX, 15.8 PPG

INTERMEDIATE  
0-3370'

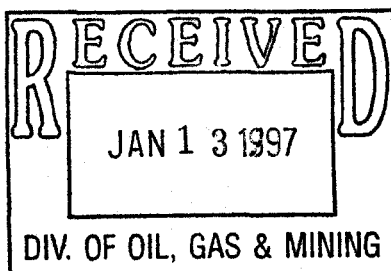
(LEAD)

TYPE AND AMOUNT

CEMENT FROM 2370' TO SURFACE WITH 130 SX 'G'  
CEMENT, 3.91 CU. FT/SX, 11.0 PPG

(TAIL)

CEMENT FROM 3370' TO 2370' WITH 146 SX 'RFC' 10-1  
CEMENT, 1.61 CU. FT/SX, 14.2 PPG



5. **DRILLING FLUIDS**

THE PROPOSED CIRCULATING MEDIUMS TO BE EMPLOYED IN DRILLING ARE AS FOLLOWS:

<u>INTERVAL</u>	<u>MUD TYPE</u>	<u>MUD WT.</u>	<u>VISC.</u>
0-300'	AIR	--	--
300'-3750'	AIR	--	--

6. **TESTING, LOGGING AND CORING**

THE ANTICIPATED TYPE AND AMOUNT OF TESTING, LOGGING AND CORING ARE AS FOLLOWS:

- A. NO DRILL STEM TESTS ARE PLANNED.
- B. THE LOGGING PROGRAM WILL CONSIST OF A GR-LDT-CNL LOG FROM 3370' - 3750'. A HIGH RESOLUTION COAL LOG WILL BE RUN FROM 3370' - 3750'

7. **SPUD DATE / DRILLING TIME**

- A. DRILLING IS PLANNED TO COMMENCE ON APPROX. FEB. 1, 1997.
- B. IT IS ANTICIPATED THAT THE DRILLING WILL TAKE APPROXIMATELY 6 DAYS.

8. **ROAD USE / WATER SOURCE**

- A. ALL ACCESS IS LOCATED ON STATE LANDS.
- B. SINCE THE WELL IS BEING DRILLED PRIMARILY BY AIR, LIMITED QUANTITIES OF WATER WILL BE NECESSARY. WATER FOR DRILLING WILL BE OBTAINED FROM A LOCAL WATER HAULER, WHO WILL OBTAIN IT FROM A LOCAL SOURCE.

9. **BOP EQUIPMENT**

TEXACO'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL EQUIPMENT ARE AS FOLLOWS:

RAM TYPE: 11" HYDRAULIC DOUBLE, 2000 PSI W.P.

RAM TYPE PREVENTERS AND ASSOCIATED EQUIPMENT SHALL BE TESTED TO APPROVED STACK WORKING PRESSURE IF ISOLATED BY TEST PLUG OR TO 70 PERCENT OF INTERNAL YIELD PRESSURE OF CASING. PRESSURE SHALL BE MAINTAINED FOR AT LEAST 10 MINUTES OR UNTIL REQUIREMENTS OF TEST ARE MET, WHICHEVER IS LONGER. IF A TEST PLUG IS UTILIZED, NO BLEED-OFF PRESSURE IS ACCEPTABLE. FOR A TEST NOT UTILIZING A TEST PLUG, IF A DECLINE IN PRESSURE OF MORE THAN 10 PERCENT IN 30 MINUTES OCCURS, THE TEST SHALL BE CONSIDERED TO HAVE FAILED. VALVE ON CASING HEAD BELOW TEST PLUG SHALL BE OPEN DURING TEST OF BOP STACK.

AS A MINIMUM, THE ABOVE TEST SHALL BE PERFORMED:

- A. WHEN INITIALLY INSTALLED;
- B. WHENEVER ANY SEAL SUBJECT TO TEST PRESSURE IS BROKEN
- C. FOLLOWING RELATED REPAIRS; AND
- D. AT 30 DAY INTERVALS

VALVES SHALL BE TESTED FROM WORKING PRESSURE SIDE DURING BOPE TESTS WITH ALL DOWNSTREAM VALVES OPEN.

WHEN TESTING THE KILL LINE VALVE(S), THE CHECK VALVE SHALL BE HELD OPEN OR THE BALL REMOVED.

PIPE AND BLIND RAMS SHALL BE ACTIVATED EACH TRIP, HOWEVER, THIS FUNCTION NEED NOT BE PERFORMED MORE THAN ONCE A DAY.

A BOPE PIT LEVEL DRILL SHALL BE CONDUCTED WEEKLY FOR EACH DRILLING CREW.

PRESSURE TESTS SHALL APPLY TO ALL RELATED WELL CONTROL EQUIPMENT.

ALL OF THE ABOVE DESCRIBED TESTS AND/OR DRILLS SHALL BE RECORDED IN THE DRILLING LOG. TEST CHARTS, WITH INDIVIDUAL TEST RESULTS IDENTIFIED, SHALL BE MAINTAINED ON LOCATION WHILE DRILLING AND SHALL BE MADE AVAILABLE TO A BLM REPRESENTATIVE UPON REQUEST. PRESSURE TESTS SHALL APPLY TO ALL RELATED WELL CONTROL EQUIPMENT.

BOP SYSTEMS SHALL BE CONSISTENT WITH API RP53. PRESSURE TESTS WILL BE CONDUCTED BEFORE DRILLING OUT FROM UNDER CASING STRINGS WHICH HAVE BEEN SET AND CEMENTED IN PLACE. BLOWOUT PREVENTER CONTROLS WILL BE INSTALLED PRIOR TO DRILLING THE SURFACE CASING PLUG AND WILL REMAIN IN USE UNTIL THE WELL IS COMPLETED OR ABANDONED. PREVENTERS WILL BE INSPECTED AND OPERATED AT LEAST DAILY TO ENSURE GOOD MECHANICAL WORKING ORDER, AND THIS INSPECTION WILL BE RECORDED ON THE DAILY DRILLING REPORT. PREVENTERS WILL BE PRESSURE TESTED BEFORE DRILLING CASING CEMENT PLUGS.

- A. THE SIZE AND RATING OF THE BOP STACK IS SHOWN ON THE ATTACHED DIAGRAM. ALTHOUGH A RIG HAS NOT BEEN CHOSEN TO DRILL THIS WELL, MOST OF THE EQUIPMENT FOR THIS DEPTH OF HOLE IN THE AREA USE A 11", 2000 PSI WORKING PRESSURE BLOWOUT PREVENTOR.
- B. A CHOKE LINE AND A KILL LINE ARE TO BE PROPERLY INSTALLED. THE KILL LINE IS NOT TO BE USED AS A FILL UP LINE.
- C. THE ACCUMULATOR SYSTEM SHALL HAVE A PRESSURE CAPACITY TO PROVIDE FOR REPEATED OPERATION OF HYDRAULIC PREVENTORS.
- D. DRILL STRING SAFETY VALVE(S), TO FIT ALL TOOLS IN THE DRILL STRING, ARE TO BE MAINTAINED ON THE RIG FLOOR WHILE DRILLING OPERATIONS ARE IN PROGRESS.

10. **ABNORMAL PRESSURES AND H2S GAS**

- A. NO ABNORMAL CONDITIONS ARE ANTICIPATED; FORMATION IS SLIGHTLY OVER-PRESSURED. THE ESTIMATED BOTTOM-HOLE PRESSURE IS 1000 PSI. NO ABNORMAL TEMPERATURES ARE ANTICIPATED.
- B. NO HYDROGEN SULFIDE GAS IS ANTICIPATED.

11. **LESSEE'S OR OPERATOR'S REPRESENTATIVE**

PERMIT MATTERS  
TEXACO E. & P., INC.  
TED A. TIPTON  
3300 N. BUTLER AVE.  
FARMINGTON, NM 87401  
(505) 325-4397

DRILLING AND COMPLETION MATTERS  
TEXACO E. & P., INC.  
P.O. BOX 46510  
DENVER, CO 80201-6510  
(303) 793-4000 MAIN NUMBER  
(303) 793-4936 - (W) STEVE GODFREY  
(303) 347-0737 - (H)



TEXACO

## FAX TRANSMITTAL COVER SHEET

NOTE: DO NOT USE BLUE OR RED INK OR PENCIL ON THIS FORM. THEY WILL NOT REPRODUCE

DATE: 4/24/97 ☒ URGENT ☐ ROUTINE NO. OF PAGES C + 1MESSAGE TO: JOHN BAZA

TELEPHONE NO. \_\_\_\_\_ FAX MACHINE NO. \_\_\_\_\_

DEPT./DIV./SUBS. \_\_\_\_\_

LOCATION \_\_\_\_\_ ROOM NO. \_\_\_\_\_

MESSAGE FROM: RICH DONLEY

TELEPHONE NO. \_\_\_\_\_ FAX MACHINE NO. \_\_\_\_\_

DEPT./DIV./SUBS. \_\_\_\_\_

LOCATION \_\_\_\_\_ ROOM NO. \_\_\_\_\_

SENDING DEPT. APPROVAL \_\_\_\_\_ TIME TRANSMITTED \_\_\_\_\_

☐ RETURN ORIGINAL VIA INTER-OFFICE MAIL☐ RETURN ORIGINAL CALL SENDER TO PICK UP

## ADDITIONAL COMMENTS:

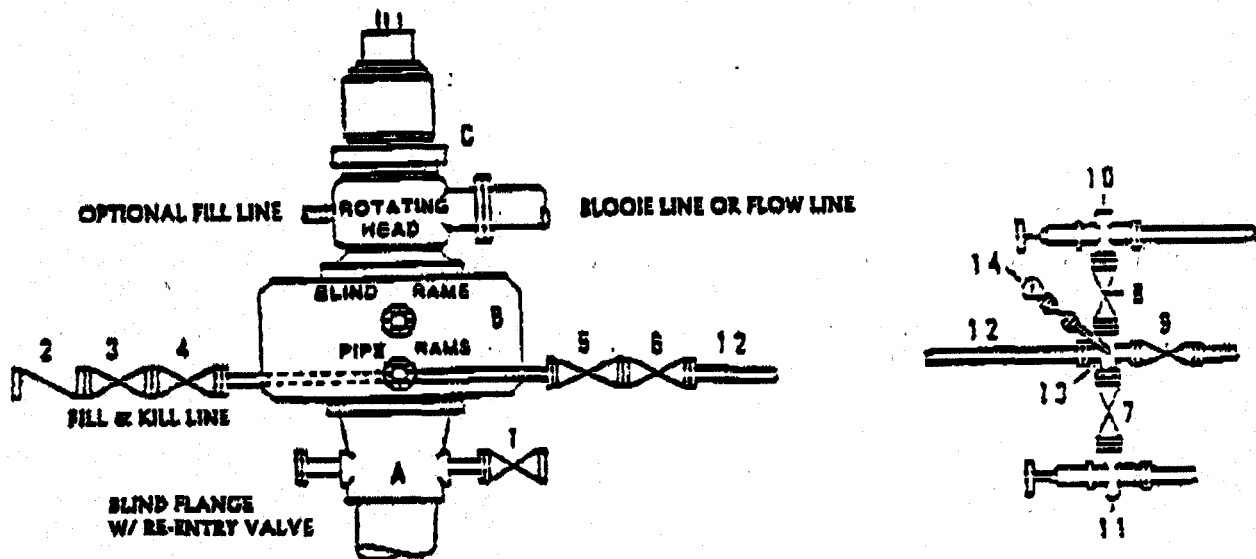
STATE OF UTAH 'U' #2-48 B.O.P. SCHEMATIC.IF YOU HAVE ANY QUESTIONS, FEEL FREE TOCALL. THANKS, RICH



# TEXACO EXPLORATION & PRODUCTION, INC.



## TYPICAL 2000 p.s.i. BLOWOUT PREVENTER SCHEMATIC FOR AIR DRILLING



### DRILLING CONTROL

### MATERIAL LIST\*

- A Texaco Wellhead.
- B 2000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 2000# W.P. control lines (where sub-structure height is adequate, 2 - 2000# W.P. single ram type preventers may be utilized).
- C Rotating head with extended Blooe Line (optional fill up outlet).
- 1, 3, 4 2" minimum 2000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 2 2" minimum 2000# W.P. back pressure valve.
- 5, 6, 9 2" minimum 2000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 12 2" minimum schedule 80, Grade "B", seamless line pipe.
- 13 2" minimum x 2" minimum 2000# W.P. flanged cross.
- 10, 11 2" minimum 2000# W.P. adjustable choke bodies.
- 14 Cameron Mud Gauge or equivalent (location optional in choke line).
- 15 2" minimum 2000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.

\*(OR EQUIVALENT)

**THIRTEEN POINT SURFACE USE PLAN**

OPERATOR:	TEXACO EXPLORATION & PRODUCTION, INC.
WELL NAME:	STATE OF UTAH 'U' # 2-48
LEASE NUMBER:	ML-45905
LOCATION:	646' FNL - 2084' FEL, SECTION 2, T18S/R7E SLPM, EMERY CO., UTAH

**1. EXISTING ROADS.**

- A. THE PROPOSED WELL SITE IS LOCATED APPROXIMATELY 4-1/2 MILES NORTHWEST OF ORANGEVILLE, UTAH.
- B. DIRECTIONS TO THE LOCATION FROM ORANGEVILLE, UTAH ARE AS FOLLOWS:  
  
FROM ORANGEVILLE, UTAH, PROCEED WEST ON HIGHWAY #29 APPROX. 3.5 MI. TO INTERSECTION WITH 'COAL-HAUL' RD, TAKE COAL-HAUL RD. NORTH APPROX. 2.5 MI. TO INTERSECTION WITH DES-BEE-DOVE RD. TURN RIGHT ON THIS RD. PROCEED APPROX 1/2 MI. TO ACCESS RD ON NORTH SIDE OF RD. FOLLOW ROAD FLAGS TO LOCATION.
- C. THIS WELL WILL REQUIRE APPROX. .2 MI NEW ACCESS ROAD.
- D. ALL EXISTING ROADS WILL BE MAINTAINED AND KEPT IN GOOD REPAIR DURING ALL DRILLING AND COMPLETION OPERATIONS ASSOCIATED WITH THIS WELL.
- E. EXISTING ROADS AND THE EXISTING ACCESS ROAD UNDER THE JURISDICTION OF ANY SURFACE MANAGING AGENCY SHALL BE MAINTAINED IN ACCORDANCE WITH THE STANDARDS OF THE S.M.A.

**2. PLANNED ACCESS ROAD.**

- A. .2 MI. OF NEW ACCESS ROAD IS REQUIRED FOR THE SUBJECT WELL. THE ROAD WILL BE FLATBLADED WITH A RUNNING SURFACE OF APPROXIMATELY 25 FT.. IF NECESSARY, APPROPRIATE WATER CONTROL CULVERTS WILL BE INSTALLED TO CONTROL EROSION. CONSTRUCTION WILL NOT CHANGE EXISTING DRAINAGE.
- B. THE ROAD WILL BE UPGRADED AND MAINTAINED AS REQUIRED BY THE S.M.A.
- C. MAXIMUM GRADE WILL BE 8%.
- D. TURNOUTS WILL BE CONSTRUCTED AS REQUIRED BY THE S.M.A.
- E. LOW WATER CROSSINGS WILL BE INSTALLED ALONG THE ACCESS WHERE NEEDED.
- F. SURFACING MATERIAL WILL BE DEPENDENT UPON S.M.A. REQUIREMENTS.
- G. GATES AND CATTLEGUARDS WILL BE INSTALLED AS NECESSARY.
- H. SURFACE DISTURBANCE AND VEHICULAR TRAVEL WILL BE LIMITED TO THE APPROVED LOCATION AND APPROVED ACCESS ROUTE. ANY ADDITIONAL AREA NEEDED WILL BE APPROVED IN ADVANCE.

**3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION.**

- A. WATER WELLS -
- B. INJECTION WELLS - NONE

- C. PRODUCING WELLS - FOUR EXISTING COAL-BED METHANE WELLS ARE WITHIN 1 MI. RADIUS.
- D. DRILLING WELLS - NONE

4. **LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES.**

- A. ALL PERMANENT STRUCTURES (ONSITE FOR SIX MONTHS OR LONGER) CONSTRUCTED OR INSTALLED WILL BE PAINTED A NEUTRAL COLOR TO BLEND WITH THE SURROUNDING ENVIRONMENT. FACILITIES REQUIRED TO COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) WILL BE EXCLUDED.
- B. IF STORAGE FACILITIES/TANK BATTERIES ARE CONSTRUCTED ON THIS LEASE, THE FACILITY /BATTERY OR THE WELLPAD SHALL BE SURROUNDED BY A CONTAINMENT DIKE OF SUFFICIENT CAPACITY TO CONTAIN AT A MINIMUM, THE ENTIRE CONTENT OF THE LARGEST TANK WITHIN THE FACILITY/BATTERY, UNLESS MORE STRINGENT PROTECTIVE REQUIREMENTS ARE DEEMED NECESSARY BY THE AUTHORIZED OFFICER.
- C. ALL LOADING LINES WILL BE PLACED INSIDE THE BERM SURROUNDING THE TANK BATTERY.
- D. GAS MEASUREMENT DEVICES WILL BE LOCATED IN ACCORDANCE WITH THE REGULATORY BODY.
- E. ALL METER MEASUREMENT FACILITIES WILL CONFORM WITH ONSHORE OIL AND GAS ORDER NO. 4 FOR LIQUID HYDROCARBONS AND ONSHORE OIL AND GAS ORDER NO. 5 FOR NATURAL GAS MEASUREMENT.
- F. ANY NECESSARY PITS WILL BE PROPERLY FENCED TO PREVENT ANY WILDLIFE ENTRY.
- G. ALL SITE SECURITY GUIDELINES IDENTIFIED IN 43 CFR 3162.7 REGULATIONS WILL BE ADHERED TO.
- H. ALL OFF-LEASE STORAGE, OFF-LEASE MEASUREMENT, OR COMMINGLING ON-LEASE OR OFF-LEASE WILL HAVE PRIOR WRITTEN APPROVAL FROM THE AUTHORIZED OFFICER.
- I. ALL ACCESS ROADS WILL BE MAINTAINED AS NECESSARY TO PREVENT EROSION AND ACCOMMODATE YEAR-ROUND TRAFFIC.
- J. THE ROAD WILL BE MAINTAINED IN A SAFE USEABLE CONDITION.
- K. WATER PRODUCED DURING THE TEST PHASE OF THIS WELL WILL BE STORED IN STORAGE TANKS ON LOCATION AND HAULED TO AN APPROVED DISPOSAL SITE. IF THE PROJECT SEEMS VIABLE BASED ON TEST RESULTS, A DISPOSAL METHOD WILL BE SUBMITTED.

5. **LOCATION AND TYPE OF WATER SUPPLY.**

- A. ALL WATER NEEDED FOR DRILLING PURPOSES WILL BE OBTAINED FROM A LOCAL WATER SOURCE. SINCE THIS WELL WILL BE PRIMARILY DRILLED WITH AIR, MINIMAL WATER WILL BE NECESSARY.
- B. WATER WILL BE HAULED TO LOCATION OVER THE ROADS MARKED ON MAPS ATTACHED.
- C. NO WATER WELL IS TO BE DRILLED ON THIS LEASE, WITHOUT PROPER APPROVAL OF DIVISION OF WATER RIGHTS IN PRICE, UTAH.
- D. ALL APPROPRIATE PERMITS WILL BE FILED WITH THE DIVISION OF WATER RIGHTS IN PRICE, UTAH.

6. **SOURCE OF CONSTRUCTION MATERIALS.**

- A. SURFACE AND SUBSOIL MATERIALS IN THE IMMEDIATE AREA WILL BE UTILIZED.
- B. ANY GRAVEL USED WILL BE OBTAINED FROM A COMMERCIAL SOURCE.
- C. THE USE OF MATERIALS UNDER BLM JURISDICTION WILL CONFORM WITH 43 CFR 3610.2.3.
- D. NO CONSTRUCTION MATERIALS WILL BE REQUIRED TO BE REMOVED FROM FEDERAL LAND AND ALL CONSTRUCTION ITEMS WILL BE PURCHASED FROM A THIRD PARTY.

7. **METHODS OF HANDLING WASTE DISPOSAL.**

- A. SINCE THE PROPOSED WELL WILL BE AIR-DRILLED, ONLY A SMALL RESERVE PIT WILL BE NECESSARY. THE RESERVE PIT WILL BE CONSTRUCTED SO AS NOT TO LEAK, BREAK, OR ALLOW DISCHARGE. THE RESERVE PIT WILL BE LINED IF DETERMINED NECESSARY AT THE TIME OF CONSTRUCTION.
- B. IF THE PIT IS LINED, A PLASTIC NYLON REINFORCED LINER WILL BE USED. IT WILL BE A MINIMUM OF 12 MIL THICKNESS WITH SUFFICIENT BEDDING (EITHER STRAW OR DIRT) TO COVER ANY ROCKS. THE LINER WILL OVERLAP THE PIT WALLS AND BE COVERED WITH DIRT AND/OR ROCKS TO HOLD IT IN PLACE. NO TRASH, SCRAP PIPE, ETC., THAT COULD PUNCTURE THE LINER WILL BE DISPOSED OF IN THE PIT.
- C. ALL TRASH WILL BE CONTAINED IN A TRASH CAGE AND ITS CONTENTS REMOVED AT THE END OF DRILLING OPERATIONS AND HAULED TO AN APPROVED DISPOSAL SITE.
- D. AFTER FIRST PRODUCTION, PRODUCED WATER WILL BE CONFINED TO A STORAGE TANK FOR A PERIOD NOT TO EXCEED NINETY (90) DAYS. DURING THE 90-DAY PERIOD, IN ACCORDANCE WITH ONSHORE ORDER NO. 7, AN APPLICATION FOR APPROVAL OF A PERMANENT DISPOSAL METHOD AND LOCATION, ALONG WITH THE REQUIRED WATER ANALYSIS, WILL BE SUBMITTED FOR THE AO'S APPROVAL.
- E. DRILL CUTTINGS ARE TO BE CONTAINED AND BURIED IN THE RESERVE PIT.
- F. ANY SALTS AND/OR CHEMICALS WHICH ARE AN INTEGRAL PART OF THE DRILLING SYSTEM, WILL BE DISPOSED OF IN THE SAME MANNER AS THE DRILLING FLUID.
- G. SEWAGE WILL BE PLACED IN A PORTABLE CHEMICAL TOILET OR HOLDING TANK AND DISPOSED OF IN ACCORDANCE WITH STATE AND COUNTY REGULATIONS.
- H. THE PRODUCED FLUIDS WILL BE PRODUCED INTO A TEST TANK UNTIL SUCH TIME AS CONSTRUCTION OF PRODUCTION FACILITIES IS COMPLETED. ANY SPILLS OF OIL, GAS, SALT WATER OR OTHER PRODUCED FLUIDS WILL BE CLEANED UP.

8. **ANCILLARY FACILITIES.**

- A. THERE ARE NO AIRSTRIPS, CAMPS, OR OTHER FACILITIES PLANNED DURING THE DRILLING OF THE PROPOSED WELL.

9. **WELL SITE LAYOUT.**

- A. THE RESERVE PIT WILL BE LOCATED ON THE WEST SIDE OF THE LOCATION.
- B. THE STOCKPILED TOPSOIL (FIRST SIX INCHES) WILL BE STORED ALONG THE NORTH SIDE OF THE WELLPAD AS SHOWN ON THE RIG LAYOUT.

- C. SEE LOCATION LAYOUT FOR ORIENTATION OF RIG, CROSS SECTION OF DRILL PAD AND CUTS AND FILLS.
- D. THE LOCATION OF MUD TANKS, RESERVE PIT, TRASH CAGE, PIPE RACKS, LIVING FACILITIES AND SOIL STOCKPILES ARE SHOWN ON THE LOCATION LAYOUT.
- E. ALL PITS WILL BE FENCED TO PREVENT WILDLIFE ENTRY.
- F. THE RESERVE PIT FENCING WILL BE ON THREE SIDES DURING OPERATIONS AND ON THE FOURTH SIDE WHEN THE RIG MOVES OFF LOCATION. PITS WILL BE FENCED AND MAINTAINED UNTIL CLEANUP.

10. **PLANS FOR RESTORATION OF SURFACE.**

**PRODUCING LOCATION**

- A. IMMEDIATELY UPON WELL COMPLETION, THE LOCATION AND SURROUNDING AREA WILL BE CLEARED OF ALL UNUSED TUBING, EQUIPMENT, DEBRIS, MATERIALS, TRASH AND JUNK NOT REQUIRED FOR PRODUCTION.
- B. IMMEDIATELY UPON WELL COMPLETION, ANY HYDROCARBONS ON THE PIT SHALL BE REMOVED IN ACCORDANCE WITH 43 CFR 3162.7-1.
- C. IF A PLASTIC NYLON REINFORCED LINER IS USED, IT SHALL BE TORN AND PERFORATED BEFORE BACKFILLING OF THE RESERVE PIT.
- D. ONCE THE RESERVE PIT IS DRY, THE RESERVE PIT AND THAT PORTION OF THE LOCATION NOT NEEDED FOR PRODUCTION FACILITIES/OPERATIONS WILL BE RECONTOURED TO THE APPROXIMATE NATURAL CONTOURS.
- E. THE LOCATION WILL BE RECLAIMED AND RESEEDING AS REQUESTED BY THE SURFACE USE AGREEMENT.

**DRY HOLE**

- F. AT SUCH TIME AS THE WELL IS PLUGGED AND ABANDONED, THE OPERATOR SHALL SUBMIT A SUBSEQUENT REPORT OF ABANDONMENT AND WILL RECLAIM LANDS AS PER GUIDELINES PURSUANT TO AO.

11. **SURFACE OWNERSHIP.**

- A. ACCESS ROADS - ALL EXISTING IMPROVED ROADS ARE COUNTY MAINTAINED AND ENCROACHMENT IS BEING APPLIED FOR. THE EXISTING ACCESS ROAD IS OWNED AND MANAGED BY THE JOHNSON CATTLE CO. AND EASEMENT IS NEGOTIATED, APPROVAL PENDING.
- B. WELLPAD - THE WELLPAD IS LOCATED ON LANDS OWNED AND MANAGED BY STATE LANDS COMMISSION.

OWNER ADDRESS:

12. **OTHER INFORMATION.**

- A. ALL LEASE AND/OR UNIT OPERATIONS WILL BE CONDUCTED IN SUCH A MANNER THAT FULL COMPLIANCE IS MADE WITH ALL APPLICABLE LAWS, REGULATIONS, ONSHORE OIL AND GAS ORDERS, THE APPROVED PLAN OF OPERATIONS, AND ANY APPLICABLE NOTICE TO LESSEES. THE OPERATOR IS FULLY RESPONSIBLE FOR THE ACTIONS OF HIS SUBCONTRACTORS. A COPY OF THESE CONDITIONS WILL BE FURNISHED TO THE REPRESENTATIVE TO INSURE COMPLIANCE.

- D. A COMPLETE COPY OF THE APPROVED APD SHALL BE ON LOCATION DURING CONSTRUCTION OF THE LOCATION AND DRILLING ACTIVITIES.
- E. THERE WILL BE NO DEVIATION FROM THE PROPOSED DRILLING AND/OR WORKOVER PROGRAM WITHOUT PRIOR APPROVAL FROM THE AO. SAFE DRILLING AND OPERATING PRACTICES MUST BE OBSERVED. ALL WELLS, WHETHER DRILLING, PRODUCING, SUSPENDED, OR ABANDONED WILL BE IDENTIFIED IN ACCORDANCE WITH 43 CFR 3162.H.
- F. "SUNDRY NOTICE AND REPORT ON WELLS" (FORM 3160-5) WILL BE FILED FOR APPROVAL FOR ALL CHANGES OF PLANS AND OTHER OPERATIONS IN ACCORDANCE WITH 43 CFR 3162.3-2.
- G. THIS PERMIT WILL BE VALID FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. AN EXTENSION PERIOD MAY BE GRANTED, IF REQUESTED, PRIOR TO THE EXPIRATION OF THE ORIGINAL APPROVAL PERIOD.
- H. A PRODUCTION FLOWLINE AND WATER GATHERING LINE WILL BE PLACED ON LEASE, ADJACENT TO ACCESS ROAD CONNECTING TO EXISTING GATHERING SYSTEM.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION.**

**PERMIT MATTERS**  
TEXACO E. & P., INC.  
TED A. TIPTON  
3300 N. BUTLER AVE.  
FARMINGTON, NM 87401  
(505) 325-4397

**DRILLING AND COMPLETION MATTERS**  
TEXACO E. & P., INC.  
P.O. BOX 46510  
DENVER, CO 80201-6510  
(303) 793-4000 MAIN NUMBER  
(303) 793-4936 - (W) STEVE GODFREY  
(303) 347-0737 - (H)

**CERTIFICATION**

I HEREBY CERTIFY THAT I, OR PERSONS UNDER MY DIRECT SUPERVISION, HAVE INSPECTED THE PROPOSED DRILLSITE AND ACCESS ROUTE; THAT I AM FAMILIAR WITH THE CONDITIONS WHICH PRESENTLY EXIST; THAT THE STATEMENTS MADE IN THIS PLAN ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND CORRECT; AND, THAT THE WORK ASSOCIATED WITH THE OPERATIONS PROPOSED HEREIN WILL BE PERFORMED BY TEXACO EXPLORATION & PRODUCTION, INC. AND ITS CONTRACTORS AND SUBCONTRACTORS IN CONFORMITY WITH THE PLAN AND THE TERMS AND CONDITIONS UNDER WHICH IT IS APPROVED.

THIS STATEMENT IS SUBJECT TO THE PROVISIONS OF 18.U.S.C. 1001 FOR THE FILING OF A FALSE STATEMENT.

1/8/97

DATE:

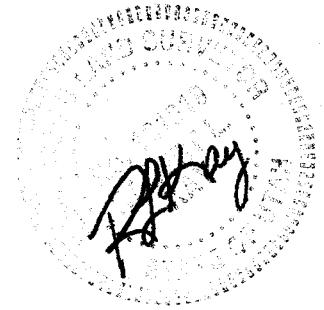
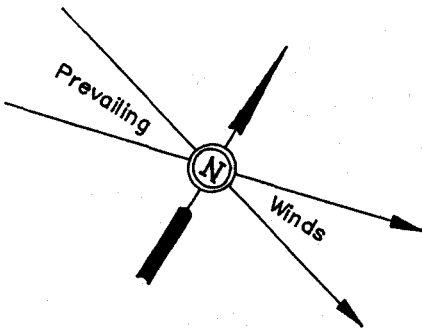
Richard Hindi - TAT

TED A. TIPTON  
OPERATIONS UNIT MANAGER  
TEXACO E. & P., INC.

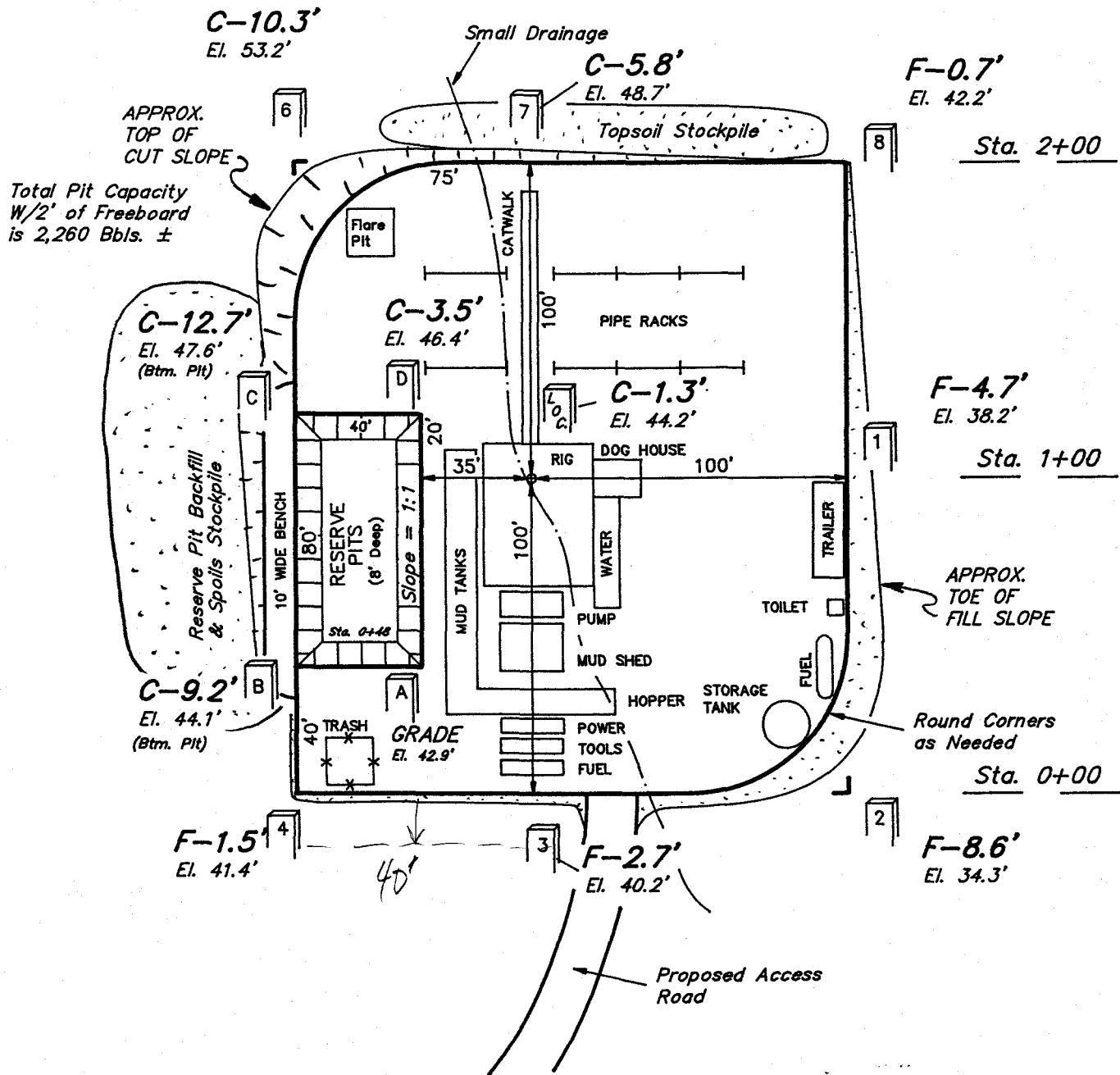
# TEXACO EXPLR. & PROD., INC.

## LOCATION LAYOUT FOR

STATE OF UTAH #2-48  
SECTION 2, T18S, R7E, S.L.B.&M.  
646' FNL 2084' FEL



SCALE: 1" = 50'  
DATE: 1-6-97  
DRAWN BY: C.B.T.



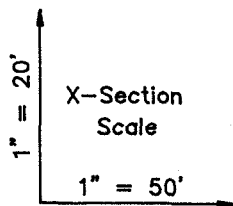
Elev. Ungraded Ground at Location Stake = 6544.2'  
Elev. Graded Ground at Location Stake = 6542.9'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

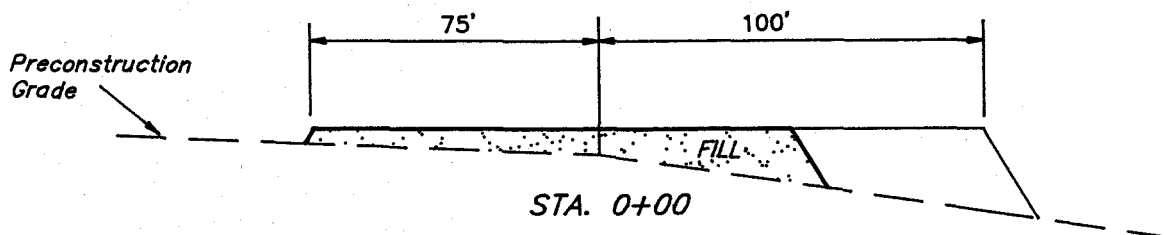
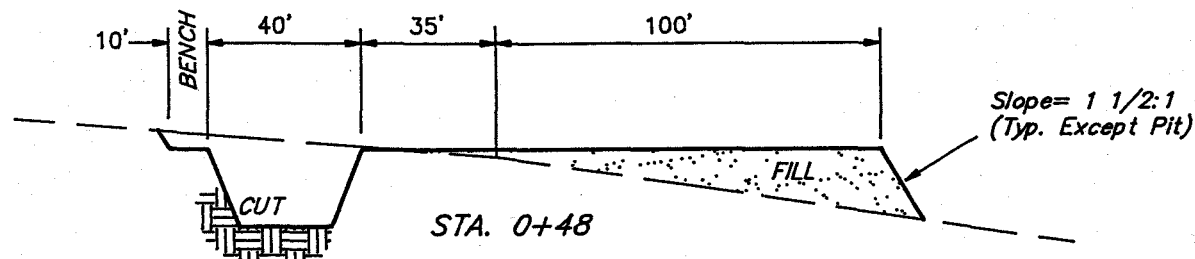
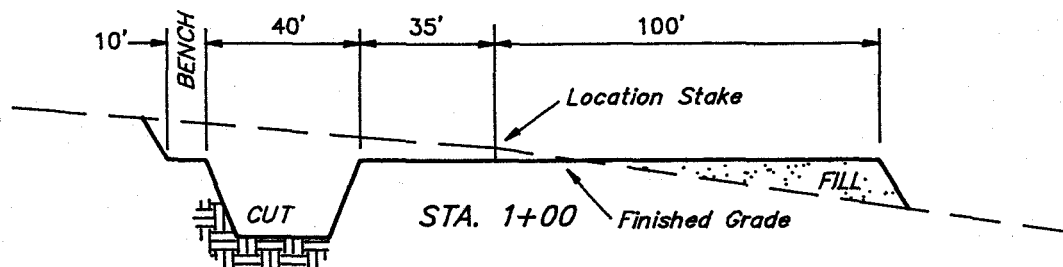
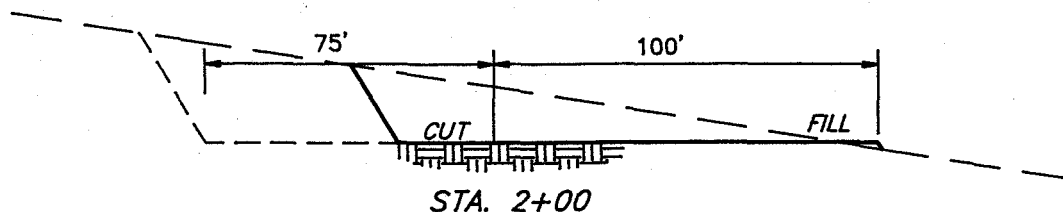
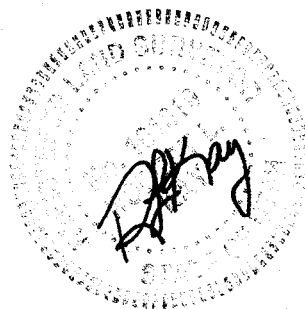
# TEXACO EXPLR. & PROD., INC.

## TYPICAL CROSS SECTIONS FOR

STATE OF UTAH #2-48  
SECTION 2, T18S, R7E, S.L.B.&M.  
646' FNL 2084' FEL



DATE: 1-6-97  
DRAWN BY: C.B.T.



### APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	= 570	Cu. Yds.
Remaining Location	= 2,840	Cu. Yds.
<b>TOTAL CUT</b>	<b>= 3,410</b>	<b>CU.YDS.</b>
<b>FILL</b>	<b>= 2,370</b>	<b>CU.YDS.</b>

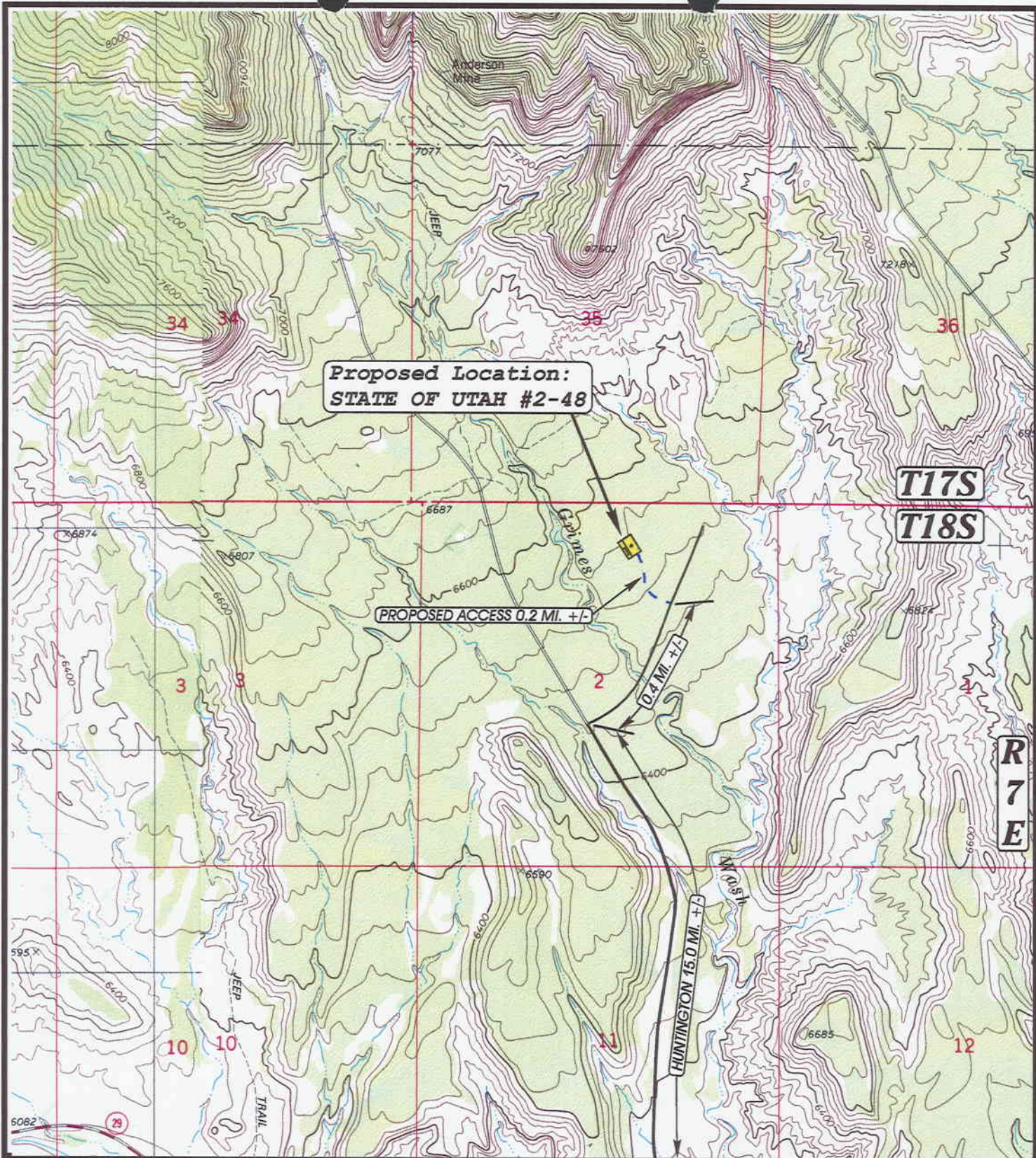
EXCESS MATERIAL AFTER 5% COMPACTION	= 920	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 920	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0	Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017









**UELS**

**TOPOGRAPHIC  
MAP "B"**

**DATE: 12-17-96  
Drawn by: J.L.G.**

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



**SCALE: 1" = 2000'**

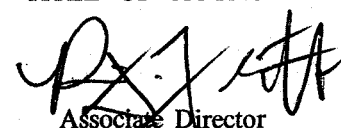
**TEXACO EXPLR. & PROD., INC.**

**STATE OF UTAH #2-48  
SECTION 2, T18S, R7E, S.L.B.&M.  
646' FNL 2084' FEL**



STATE ACTIONS

Mail to:  
RDCC Coordinator  
116 State Capitol  
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY  
OIL, GAS AND MINING  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801
2. STATE APPLICATION IDENTIFIER NUMBER:  
(assigned by State Clearinghouse)
3. APPROXIMATE DATE PROJECT WILL START:  
Upon Approval
4. AREAWIDE CLEARING HOUSE(s) RECEIVING STATE ACTIONS:  
(to be sent out by agency in block 1)  
Five County Association of Governments
5. TYPE OF ACTION: ☐ Lease ☒ Permit ☐ License ☐ Land Acquisition  
☐ Land Sale ☐ Land Exchange ☐ Other \_\_\_\_\_
6. TITLE OF PROPOSED ACTION:  
Application for Permit to Drill
7. DESCRIPTION:  
Texaco Exploration & Production, Inc. proposes to drill the State of Utah #2-48 well (wildcat) on state lease ML-45905, Emery County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.
8. LAND AFFECTED (site location map required) (indicate county)  
NW/4, NE/4, Section 2, Township 18 South, Range 7 East, Emery County, Utah
9. HAS THE LOCAL GOVERNMENT(s) BEEN CONTACTED?
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:  
Degree of impact is based on the discovery of oil or gas in commercial quantities.
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT: 13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL:  
  
R. J. Firth  
PHONE: 538-5274  
  
DATE: 2-19-97  
  
Associate Director

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/13/97

API NO. ASSIGNED: 43-015-30306

WELL NAME: STATE OF UTAH 'U' 2-48  
OPERATOR: TEXACO EXPL & PROD (N0980)

PROPOSED LOCATION:

NWNE 02 - T18S - R07E  
SURFACE: 0646-FNL-2084-FEL  
BOTTOM: 0646-FNL-2084-FEL  
EMERY COUNTY  
WILDCAT FIELD (001)

LEASE TYPE: STA  
LEASE NUMBER: ML - 45905

PROPOSED PRODUCING FORMATION: FRSD

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering	SRB	4/24/97
Geology	CK	4/17/97
Surface	CK	4/17/97

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal[] State[☒ Fee[]  
(Number CO-0058)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number WILL BE OBTAINED)  
☒ RDCC Review (Y/N)  
(Date: 2/19/97)

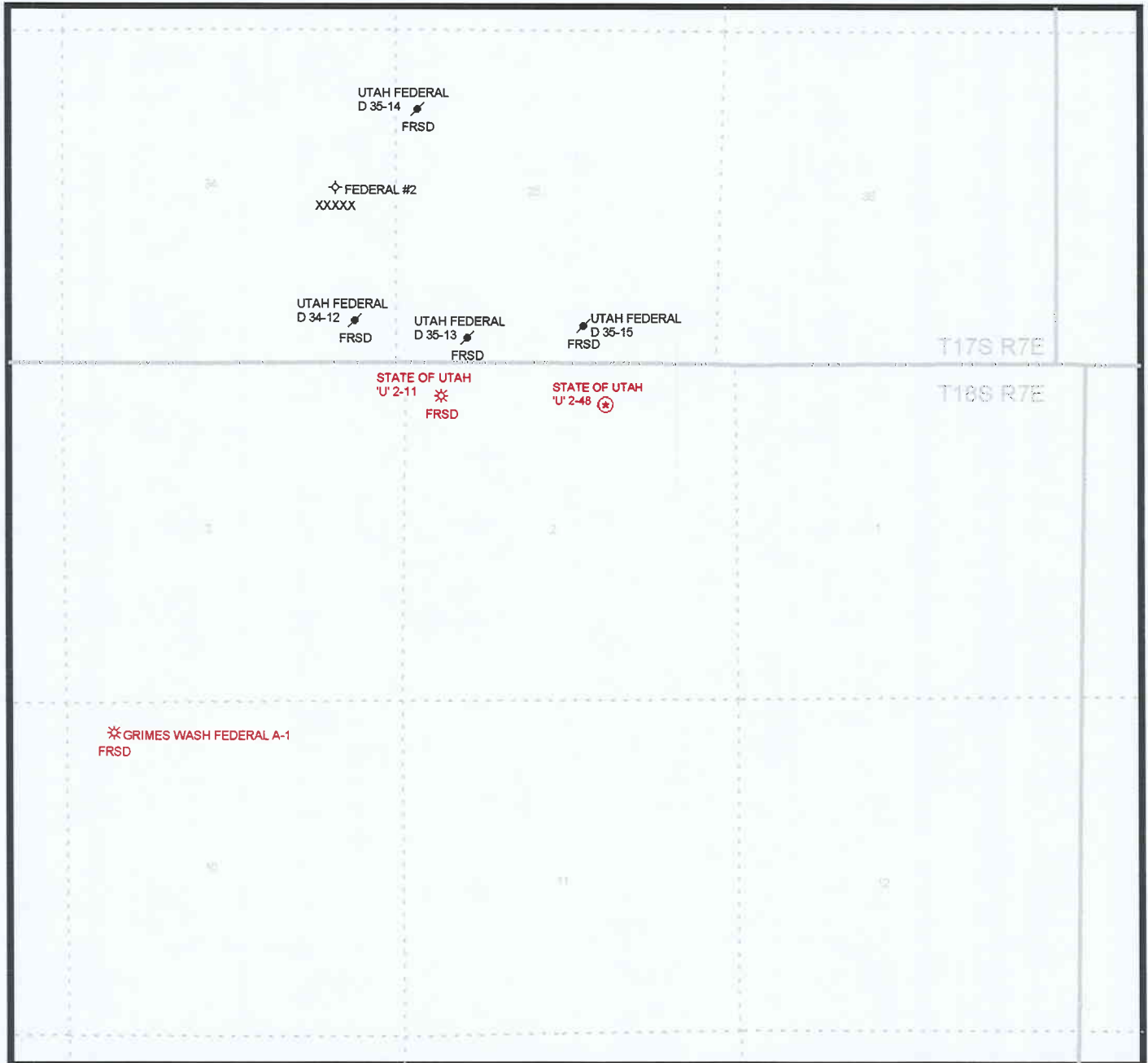
LOCATION AND SITING:

     R649-2-3. Unit:                       
☒ R649-3-2. General.  
     R649-3-3. Exception.  
     Drilling Unit.  
     Board Cause no:                       
     Date:                     

COMMENTS: Conf. status req. Casing design OK. Cement volume stipulation added.

STIPULATIONS: 1- Statement of basis  
2- The cementing program outlined in the submitted drilling plan shall be adjusted based on actual hole volumes to place cement around the 7" casing from surface to proposed the setting depth of the casing.

OPERATOR: TEXACO EXPL & PROD (N0980)  
FIELD: WILDCAT (002)  
SEC, TWP, RNG: 2, T18S, R7E  
COUNTY: EMERY  
UAC: R649-3-2



PREPARED:  
DATE: 20-MAR-97

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: Texaco Exploration and Production, Inc.

WELL NAME & NUMBER: State of Utah 'U' 2-48

API NUMBER: 43-007-30306

LEASE: ML-45905 FIELD/UNIT: Wildcat

LOCATION: 1/4, 1/4 NWNE Sec: 2 TWP: 18S RNG: 7E 646 FNL 2084 FEL

LEGAL WELL SITING: 460 F SEC. LINE;      F 1/4, 1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): x = 491,157 ; y = 4,348,950 (uncorrected; NAD27)

SURFACE OWNER: SITLA

PARTICIPANTS

C. Kierst (DOGM), Ben Morris (DWR), Ron Wirth (Texaco); SITLA land managers were consulted but were unable to attend the presite.

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau / ~2.0 miles south southeast of lower bench foothills (300' cliffs of East Mountain, the upper bench) of the west northwestward dipping strata of the Wasatch Plateau. Location is on gently-sloping (south southeastwardly) alluvial fan remnants of lower bench deposited on the Masuk Mbr. of the Mancos Shale. Location is ~750' northeast of 50-60' deep Grimes Wash.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing and wildlife habitat

PROPOSED SURFACE DISTURBANCE: 200' X 175' pad with 40' X 80' X 8' (including berm) inboard, pit. 0.2 miles of new approach road. Topsoil is stockpiled outboard of the pad, along northwest side of pit. Reserve pit spoils stockpile is outboard of the pad on the southwest. Cut and fill slopes will expand the disturbed area beyond the dimensions of the pad.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Utah Federal D34-12, D35-13, and D35-15; State of Utah 'U' 2-11

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Overhead power line onto location.

SOURCE OF CONSTRUCTION MATERIAL: Material from onsite or approach road disturbed areas will be used where possible. Any ancillary gravel will be brought from an approved gravel pit although ad hoc needs are unlikely.

ANCILLARY FACILITIES: Living / office facilities in 2 trailers.

#### WASTE MANAGEMENT PLAN:

Portable chemical toilets and interim holding tanks will be used until a code-compliant final disposition at an approved disposal site can be made; trash cage on location will be emptied into an approved landfill after cessation of drilling operations. Reserve pit will be dried after use, perforated and then buried. If the volume of fluid is too great to easily dry in the pit it will be disposed of at an approved disposal site. Water produced during testing and completion will be stored in a storage tank or the reserve pit.

#### ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: Stock watering rights owned by the BLM (93-713, -714) and SITLA (93-722) exist along Grimes Wash, within a mile of the pad. Grimes Wash is ~750' southwest. It is a tributary of Cottonwood Creek which flows through Orangeville and Castle Dale, ~3-6 miles southeast, and eventually into the San Rafael River.

FLORA/FAUNA: Pinyon, juniper, dwarfed sagebrush, buckwheat, mountain mahogany, yucca, mormon tea, cactus / birds, coyotes, rodents, elk, deer, reptiles.

SOIL TYPE AND CHARACTERISTICS: Sandy, silty, highly permeable soil developed on the Masuk Member of the Cretaceous Mancos Shale. (SM)

SURFACE FORMATION & CHARACTERISTICS: Quaternary (Holocene) alluvial fan deposits (> 60' thick) on the Masuk Member of the Cretaceous Mancos Shale; alluvial fan deposits are moderately well sorted fluvial clastics ranging in size from silt to cobbles. Masuk Member sediments are light, bluish or dark gray, medium to thin bedded with sparse, interlayered, thin brown sandstone beds or discontinuous ledges of silicified shale.

EROSION/SEDIMENTATION/STABILITY: Stable ground with no undermining, flowage or upheaval evident locally. Erosion is limited to minor dry washes during cloudbursts, high winds and periods of rapid snowmelt with sedimentation occurring during the wane of these episodes.

PALEONTOLOGICAL POTENTIAL: poor

#### RESERVE PIT

CHARACTERISTICS: 40' X 80' X 8' inboard, rectangular, excavated pit.

LINER REQUIREMENTS (Site Ranking Form attached): Minimum 12 mil  
synthetic liner

SURFACE RESTORATION/RECLAMATION PLAN

Site will be restored in accordance with the SITLA Agreement.

SURFACE AGREEMENT: SITLA Agreement

CULTURAL RESOURCES/ARCHAEOLOGY: Clearance filed with State History

OTHER OBSERVATIONS/COMMENTS

Golden eagle nests are > ½ mile away. Critical deer and elk winter  
range.

Texaco has elected to postpone investigation of the need for a 404  
Dredge and Fill Permit on Grimes Wash until the fate of the mine  
haulage/well location approach road is settled. (Pers. Comm. w Ron  
Wirth, 4/17/97-CJK)

ATTACHMENTS:

5-6 Photos. The site was photographed and characterized on 4/8/97.

Christopher Kierst  
DOGM REPRESENTATIVE

4/8/97 /12:48 PM  
DATE/TIME



**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>10</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>2</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>10</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
<b>Final Score (Level I Sensitivity)</b>		<u><b>47</b></u>

ONE MOMENT.  HARDCOPY BEING PRINTED ON DEVICE  0

UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, MAR 1  
PLOT SHOWS LOCATION OF  4 POINTS OF DIV

PLOT OF AN AREA WITH A RADIUS OF 5280  FEET  
S 646  FEET,  W 2084 FEET OF THE NE CORNER,  
SECTION 2  TOWNSHIP 18S  RANGE 7E  SL BASE

PLOT SCALE IS APPROXIMATELY  1 INCH =  2000 FE

N O R T H

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UTAH DIVISION OF WATER RIGHTS  
NWPLAT  POINT OF DIVERSION LOCATION PRO

MAP CHAR	WATER RIGHT	QUANTITY AND/OR	CFS	AC-FT	SOURCE DESCRIPTION or WELL INFO	POIN NORTH
					DIAMETER	DEPTH
					YEAR LOG	
0	93 713	.0000		.00	Grimes Wash	

WATER USE(S): STOCKWATERING

USA Bureau of Land Management (Moab Dist P.O. Box 970)

0 93 714 .0000 .00 Grimes Wash

WATER USE(S): STOCKWATERING

USA Bureau of Land Management (Moab Dist P.O. Box 970)

1 93 722 .0000 .00 Grimes Wash

WATER USE(S): STOCKWATERING

State of Utah School &amp; Institutional Tru 3 Triad Center, Suite 400 -- 3

2 93 722 .0000 .00 Grimes Wash

WATER USE(S): STOCKWATERING

State of Utah School &amp; Institutional Tru 3 Triad Center, Suite 400 -- 3







Memo to File

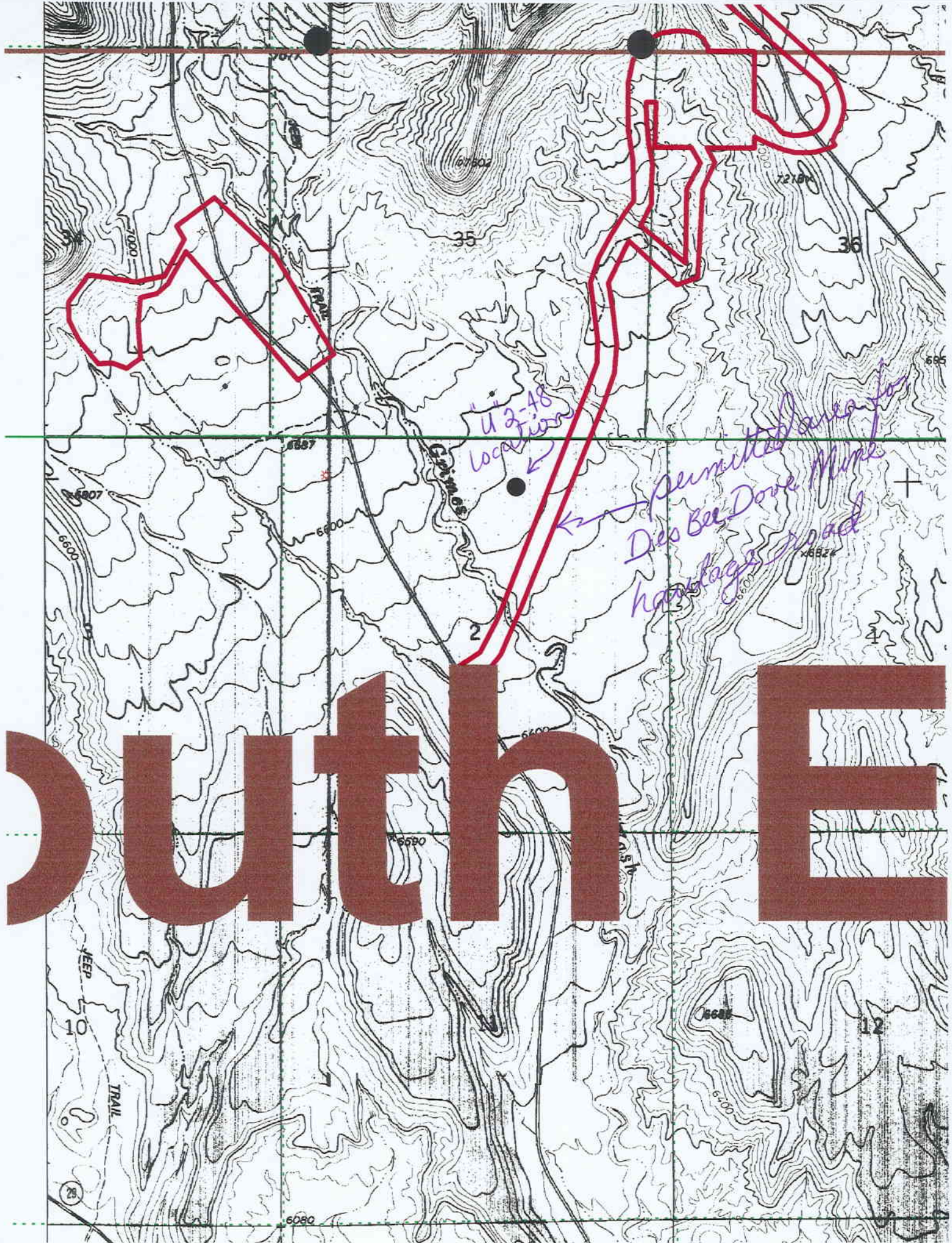
From: Christopher J. Kierst

Re: File research regarding reclamation standards on the Des Bee Dove coal mine haulage road insofar as it involves vehicle access to the Texaco E&P, Inc. State of Utah "U" 2-48 coalbed methane development well.

Contacted Daron Haddock to help me find and interpret the Des Bee Dove mine development plan data in the Division library. The DOGM Permit # for the mine is INA015/017. Daron said he thought the mine had been inactive for about 15 years and was soon due for reclamation. Texaco wants to use the road to access the proposed location. There is also a possibility that the county may want to assume responsibility for the road, making it a county road. The mine is operated by PacifiCorp (Utah Power and Light). The mine plan included reclamation standards for the haulage road and these are highlighted on the copy of the salient portion of the mine plan. As of this date (4/23/97), I am informed by Texaco that they have settled the matter but I do not know the details of the arrangement.



# South E





# General Rec Terms

## COTTONWOOD/WILBERG/DES BEE DOVE HAUL ROAD

### General:

This reclamation plan deals with that portion of the road from station 100 + 00 to station 242 + 50, junction with Cottonwood/Wilberg Haul Road. Also from station 100 + 00 to station 59 + 00 at Tipple Yard.

Final reclamation of this haul road is intended to re-establish the original drainage system to the area affected by the road construction.

Timing of the road reclamation will necessarily follow the sediment pond reclamation because this road will be needed for access to the pond site.

Final reclamation will incorporate results of Reclamation Study to be conducted by applicant 1990 thru 1995 as outlined in response to DOGM dated July 31, 1990 (See Appendix XVI, Volume 7).

Erosion and sediment control will be accomplished using soil enhancer, mulch, and tackifier as described in Revegetation Section, Page 4-84. Additional control will be provided by installation of contour ditches on all slopes and earthen berms at the base of all Haul Road reclaimed slopes. See Typical Berm Drawing (Map 4-1, Drawing 3 of 5).

### Reclamation Earthwork:

The first step of the reclamation process will be to remove the asphalt and road base material and deposit them at the north end of the project where they will be covered with 4 feet

of soil recovered from the excavation for the drainage channels.  
The amount of asphalt and road base is calculated as follows:

Length of road to be reclaimed = 18,350 feet

Thickness of asphalt = 7.5 inches (14,250')

Thickness of asphalt = 6.0 inches (4,100')

Width of asphalt at mid depth = 36.7 feet (14,250')

Width of asphalt at mid depth = 28 feet (4,100')

Asphalt =  $14,250 \times \frac{7.5}{12} \times 36.7 \times \frac{1}{27} = 12,105$  cyds

Asphalt =  $4,100 \times \frac{6.0}{12} \times 28.0 \times \frac{1}{27} = 2,126$  cyds

Thickness of road base = 10 inches (14,250')

Thickness of road base = 6 inches (4,100')

Width of road base at mid depth = 43.1 feet (14,250')

Width of road base at mid depth = 34.0 feet (4,100')

Road Base =  $14,250 \times \frac{10}{12} \times 43.1 \times \frac{1}{27} = 18,880$  cyds

Road Base =  $4,100 \times \frac{6.0}{12} \times 34 \times \frac{1}{27} = 2,581$  cyds

These materials will be placed between stations 123 + 50 and 141 + 00 which is 1750 feet. The average haul distance is 5078 feet with an uphill grade of 7.2%. The distribution of these materials will be :

$$(14,231 + 21,461) / 1750 = 20.39 \text{ cyds/ft}$$

The next step will be to remove the culverts which will not be replaced with drainage channels. This consists of 800 feet of 24 inch culvert and 266 feet of 42 inch culvert.

The third step will be to reestablish the drainage

channels, replacing the culverts and installing a rip-rap lining where required.

Backfill quantities are based on the typical cross-sections shown on Drawings CM-10601-DS, sheets 1 through 4, Plate 5-2. The following table gives the size of each channel and the excavation required along with the amount of material to be hauled and the distance and grade.

# Reveg Standards

confidence.

- e. Productivity will equal 90 percent of that of the reference areas at 90 percent statistical confidence.
- f. A one-tail students "t" test of the sample means will be used for the statistical test.
- g. At bond release a straightforward, understandable success standard will be used to determine the establishment of a diverse vegetative community. An example of one such method is: All species within each reference area are ranked by relative cover, productivity or frequency. The ranking determines the relative importance of each species. The number of species contributing greater than 5% of the relative cover in the reference area data designates the number of species, the life forms, and seasonality of the species to be present in the represented reclaimed areas. No one species would make up greater than 50% of the relative cover.



## Revegetation- Haul Road:

Revegetation of the haul road will include application of soil amendments and stabilizing agents in addition to seeding and mulching. Seeding will take place as contemporaneously with

soil grading as is practicable in late fall. If considerable time (i.e. over one month) lapses between soil grading and seeding, the soil will be protected with a mulch cover, which will be mechanically or chemically anchored. A cover of hay mulch or hydromulch will be applied at a rate sufficient to provide 50 percent ground cover.

The revegetation plan may be revised to incorporate results of the (Cottonwood/Wilberg and Des Bee Dove) test plot studies. Revisions will be approved by the Division prior to implementation.

Seed Mixture (Haul Road Pinyon-Juniper Vegetation Type)

<u>Common Name</u>	<u>Scientific Name</u>	<u>lbs/acre</u>
<u>Grasses</u>		
hickspike Wheatgrass	<u>Agropyron dasystachym</u>	2
creambank Wheatgrass	<u>A. riparium</u>	2
Basin Wildrye	<u>Elymus cinereus</u>	3

Galleta	<u>Hilaria jamesii</u>	1
Indian Ricegrass	<u>Oryzopsis hymenoides</u>	2
Sandberg Bluegrass	<u>Poa sandbergii</u>	0.5
Bottlebrush Squirreltail	<u>Sitanion hystrix</u>	1
Alkali Sacaton	<u>Sporobolus airoides</u>	0.25

#### Forbs

Prairie Aster	<u>Aster tanacetifolius</u>	0.5
Northern Sweetvetch	<u>Hedysarum boreale</u>	1
Yellow Sweetclover	<u>Melilotus officinalis</u>	3
Firecracker Penstemon	<u>Penstemon eatonii</u>	1
Scarlet Globemallow	<u>Sphaeralcea coccinea</u>	0.5
Alfalfa	<u>Medicago sativa</u> var. Ladak	1

#### Shrubs\*

Black Sagebrush	<u>Artemisia nova</u>	1
Fourwing Saltbush	<u>Atriplex canescens</u>	5
Shadscale	<u>A. confertifolia</u>	3
Castle Valley Saltbush	<u>A. cuneata</u>	5
Low Rabbitbrush	<u>Chrysothamnus viscidiflorus</u>	1
Green Mormon Tea	<u>Ephedra viridis</u>	5
Mat Saltbush	<u>Atriplex corrugata</u>	5
Winterfat	<u>Ceratoides lanata</u>	2
Basin Big Sagebrush	<u>Artemisia tridentata</u>	
	tridentata	0.25
	Total	43.0

\* Minimum shrub stocking density will be 1400 shrubs per acre in accordance with reference area (See Page 2-168). Stocking success will be determined in accordance with R614-301-356.232.

Seed Mixture (Haul Road/Sediment Pond Salt-Desert Shrub Vegetation Type)

<u>SPECIES</u>		PLS <u>lbs/acre</u>
<u>Agropyron dasystachyum</u>	thickspike wheatgrass	3
<u>A. smithii</u>	western wheatgrass	4
<u>Oryzopsis hymenoides</u>	Indian ricegrass	3
<u>Elymus cinereus</u>	basin wildrye	4
<u>Sporobolus airoides</u>	alkali sakatoon	.25
<u>Melilotus officinalis</u>	yellow sweetclover	2
<u>Linum lewisii</u>	Lewis flax	1
<u>Sphaeralcea grossularifolia</u>	globemallow	.5
<u>Atriplex canescens</u>	fourwing saltbush	2
<u>A. corrugata</u>	mat saltbush	2
<u>A. confertifolia</u>	shadscale	1
<u>Ceratoides lanata</u>	winterfat	2
<u>Kochia prostrata</u>	prostrata kochia	.5
	TOTAL	25.25

## Methods

### 1. Seedbed Preparation

Seeding will take place as contemporaneously as practicable following soil placement; therefore, the seedbed will be in condition suitable for seed application. However, if a surface crust has developed it will be broken up by hand or mechanical tilling.

### 2. Soil Enhancer Application

Two weeks prior to seeding a soil enhancer (i.e. Land Tech Irish Peat) will be applied with a hydroseeder at the rate of 250 lbs/acre or as recommended by the manufacturer.

### 3. Seeding

The seed mixture will be applied by hydroseeder at the specified rates. All seed will be inspected by a Utah Department of Agriculture inspector at the time of application.

### 4. Fertilizer/Amendment Application

The fertilizer and sulfur mixture will be applied by hydroseeder at the following rates:

Ammonium Nitrate - 200 lbs/acre  
Triple Super Phosphate - 300 lbs/acre  
Sulfur - 1000 lbs/acre

### 5. Mulch/Tackifier Application

A wood fiber hydromulch with "Soil Master" (or equal) tackifier will be applied at the following rates (or as recommended by the manufacturer):

Tackifier - 50 gal/acre  
Hydromulch - 2000 lbs/acre

## Maintenance and Monitoring (See Chart Page 4-87)

1. Signs will be placed at the planted areas for their protection.
2. Weed control will not be undertaken unless it is determined necessary due to weed dominance and delayed rate of succession. All noxious weeds

will be eradicated if they become established on the site.

3. Rodent damage on revegetated areas, will be assessed and species specific control measures will be implemented as necessary.
4. A site visit will be scheduled each spring to check on fitness of the sites and check progress of the plant growth.
5. Annual monitoring will include inspection for rills and gullies. Should these be present, they will be filled and replanted.
6. Monitoring will be conducted in accordance with Division Guidelines as indicated on page 4-4.53.
7. Maintenance and monitoring activities will be reported in the Annual Vegetation Monitoring Report.

Sampling for Ten Year Responsibility Period and Bond Release  
(See Chart Page 4-87)

1. All sampling will be undertaken in the late summer for maximum plant growth.
2. The line intercept or ocular estimation methods will be used to measure cover and species composition.
3. The point-center quarter method will be used to measure shrub and tree density.
4. Sample size for ground cover and shrub density will be tested at a 90 percent confidence level using a one-tail "t" test with a 10 percent change in the mean.
5. Productivity measurements will be a double sampling procedure of clipped plots and ocular estimates. Rectangular plots (6.27" x 100") will be randomly located in reference areas and revegetation sites. Sampling will be at the 90% confidence level.
6. The reference areas will be checked to detect any changes from man-induced activities and to verify they are in fair or better condition.



7. Revegetation Success:

- a. Sampling of reference sites at end of ten year responsibility period will be conducted concurrently with final reclamation sampling, using the same methodology. The range condition of all reference areas will be reassessed at five year intervals.
- b. Ground cover is established for two consecutive years at the end of responsibility period at 90 percent of reference site ground cover.
- c. At least 80% of the shrubs and trees will have been in place for at least 8 growing seasons, the tree or shrub is alive and healthy.
- d. The woody plants established on the revegetated site are equal to or greater than 90 percent of the stocking of live woody plants of the same life form of the approved reference areas with 90 percent statistical confidence.
- e. Productivity will equal 90 percent of that of the reference areas at 90 percent statistical confidence.
- f. A one-tail students "t" test of the sample means will be used for the statistical test.

**DIVISION OF OIL, GAS AND MINING**  
**APPLICATION FOR PERMIT TO DRILL**  
**STATEMENT OF BASIS**

**Operator Name:** Texaco Exploration and Production, Inc.

**Name & Number:** State of Utah 'U'2-48

**API Number:** 43 - 015 - 30306

**Location:** 1/4, 1/4 NWNE Sec. 2 T. 18 S R. 7 E

**Geology/Ground Water:**

There is moving water in Grimes Wash and the alluvial fan deposits are greater than 60' thick with no base observable in the floor of Grimes Wash. The operator is informed of the need to protect this shallow, probably wet and highly permeable alluvium and will respond to protect the zone by extending the surface casing string as needed into bedrock. The proposed casing and cement program should adequately isolate any zones of water penetrated.

**Reviewer:** Christopher Kierst **Date:** 4/10/97

**Surface:**

A possible ground water resource and highly permeable soil militates the need for the protection of a lined pit. Precipitation will be deflected around the location with berms and culverts. There are no nearby culinary or irrigation water supply wells. Provision was made to ensure site rehabilitation, litter and waste control, preservation of drainage patterns and the integrity of local infrastructure, groundwater and other resources. Overhead power lines and gathering systems will follow access roads. No 404 dredge and fill permit is deemed **immediately** needed for operations directly associated with this location (see onsite review document comments). No flashflood hazard is evident in the area of the location.

**Reviewer:** Christopher Kierst **Date:** 4/10/97

**Conditions of Approval/Application for Permit to Drill:**

1. Recommend culverts sufficient to manage expected runoff, standing and surface water in crossed drainages.
2. Berm location and pit.
3. Site infrastructure as per drilling location plat.
4. Minimum 12 mil synthetic lined pit.
5. Soil storage as per drilling location plat.
6. Disposal of wastes, rubbish, drilling fluid, and produced fluids will be accomplished using approved facilities.
7. Ad hoc construction materials will be acquired from approved sources.
8. Recommend reseeding infrequently used areas of production location with appropriate forage seed mix (to restore as much of the pad as possible to production of food and cover for wildlife as rapidly as possible) as soon as conveniently possible after completion of well.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: Texaco Exploration and Production, Inc.

WELL NAME & NUMBER: State of Utah 'U' 2-48

API NUMBER: 43-015-30306

LEASE: ML-45905 FIELD/UNIT: Wildcat

LOCATION: 1/4, 1/4 NWNE Sec: 2 TWP: 18S RNG: 7E 646 FNL 2084 FEL

LEGAL WELL SITING: 460 F SEC. LINE;      F 1/4, 1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): x = 491,157 ; y = 4,348,950 (uncorrected; NAD27)

SURFACE OWNER: SITLA

PARTICIPANTS

C. Kierst (DOGM), Ben Morris (DWR), Ron Wirth (Texaco); SITLA land managers were consulted but were unable to attend the presite.

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau / ~2.0 miles south southeast of lower bench foothills (300' cliffs of East Mountain, the upper bench) of the west northwestward dipping strata of the Wasatch Plateau. Location is on gently-sloping (south southeastwardly) alluvial fan remnants of lower bench deposited on the Masuk Mbr. of the Mancos Shale. Location is ~750' northeast of 50-60' deep Grimes Wash.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing and wildlife habitat

PROPOSED SURFACE DISTURBANCE: 200' X 175' pad with 40' X 80' X 8' (including berm) inboard, pit. 0.2 miles of new approach road. Topsoil is stockpiled outboard of the pad, along northwest side of pit. Reserve pit spoils stockpile is outboard of the pad on the southwest. Cut and fill slopes will expand the disturbed area beyond the dimensions of the pad.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Utah Federal D34-12, D35-13, and D35-15; State of Utah 'U' 2-11

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Overhead power line onto location.

APD EvaluationState of Utah 'U' # 2-48

## I. Casing design

## A. Intermediate (open hole completion)

7", 23#, K-55 set at 3370'

Anticipated mud wt. = air  
Est. BHP = 1000 psi

Burst rating of casing = 4360 psi

$$\text{Burst SF} = \frac{4360}{1000} = \underline{\underline{4.36}} \quad \checkmark$$

Collapse rating of casing = 3270 psi

$$\text{Collapse SF} = \frac{3270}{1000} = \underline{\underline{3.27}} \quad \checkmark$$

Wt. of casing = (23#)(3370) = 77,510 #

Joint str. of casing (assume STC) = 309,000 #

$$\text{Tension SF} = \frac{309,000}{77,510} = \underline{\underline{3.99}} \quad \checkmark$$

## II. Cement volume &amp; height (Intermed. string)

A. Lead cement: 130 sk, 3.91 cu. ft./sk.

Vol. between 7" casing & 8 3/4" hole = 0.1503  $\frac{\text{cu. ft.}}{\text{lin. ft.}}$ 

$$\text{Height of cement column} = \frac{(130)(3.91)}{(0.1503)(2)}$$

$$= \underline{\underline{1,691'}}$$

B. Tail cement: 146 sk, 1.61 cu. ft./sk

$$\text{Height of cement} = \frac{(146)(1.61)}{(0.1503)(2)} = \underline{\underline{782'}}$$



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

April 24, 1997

Texaco Exploration & Production, Inc.  
3300 North Butler Avenue, Suite 100  
Farmington, New Mexico 87401

Re: State of Utah 'U' 2-48 Well, 646' FNL, 2084' FEL, NW NE,  
Sec. 2, T. 18 S., R. 7 E., Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30306.

Sincerely,

A handwritten signature in cursive script that reads "Lowell P. Braxton".

Lowell P. Braxton  
Deputy Director

lwp

Enclosures

cc: Emery County Assessor

Bureau of Land Management, Moab District Office

Operator: Texaco Exploration & Producing, Inc.  
Well Name & Number: State of Utah 'U' 2-48  
API Number: 43-015-30306  
Lease: ML-45905  
Location: NW NE Sec. 2 T. 18 S. R. 7 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated April 10, 1997 (copy attached).

DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

SPUDDING INFORMATION

Name of Company: TEXACO E & P

Well Name: STATE OF UTAH U 2-48

Api No. 43-015-30306

Section: 2 Township: 18S Range: 7E County: EMERY

Drilling Contractor

Rig #

SPUDDED:

Date 5/10/97

Time

How DRY HOLE

Drilling will commence ROTARY-5/14/97

Reported by RON WORTH

Telephone # 1-801-748-5395

Date: 5/7/97 Signed: JLT

✓

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.1. Type of Well: OIL ☐ GAS ☒ OTHER: COAL-BED METHANE WELLS2. Name of Operator:  
TEXACO E. & P. INC3. Address and Telephone Number:  
3300 N. BUTLER, FARMINGTON NM 87401

4. Location of Well

Footages:

QQ, Sec., T., R., M.:

T 18 S / R 7 E

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

9. API Well Number:

10. Field and Pool, or Wildcat:

County: EMERY CO.

State: UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- ☐ Abandonment ☒ New Construction
- ☐ Casing Repair ☐ Pull or Alter Casing
- ☐ Change of Plans ☐ Recompletion
- ☐ Conversion to Injection ☐ Shoot or Acidize
- ☐ Fracture Treat ☐ Vent or Flare
- ☐ Multiple Completion ☐ Water Shut-Off
- ☐ Other \_\_\_\_\_

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- ☐ Abandonment ☐ New Construction
- ☐ Casing Repair ☐ Pull or Alter Casing
- ☐ Change of Plans ☐ Shoot or Acidize
- ☐ Conversion to Injection ☐ Vent or Flare
- ☐ Fracture Treat ☐ Water Shut-Off
- ☐ Other \_\_\_\_\_

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

TEXACO PROPOSES TO ENLARGE THE PREVIOUSLY SUBMITTED WELLPADS BY 40', OPPOSITE OF THE LAYDOWN SIDE. THIS ENLARGMENT IS NECESSARY TO ACCOMMODATE THE LARGE AIR COMPRESSORS NEEDED TO DRILL THE WELLS. THE WELLS ARE:

STATE OF UTAH 'U' # 2-48	NE 1/4	SEC. 2	T 18 S / R 7 E
STATE OF UTAH 'U' # 2-49	SE 1/4	SEC. 2	T 18 S / R 7 E
STATE OF UTAH 'U' # 2-50	SW 1/4	SEC. 2	T 18 S / R 7 E
STATE OF UTAH 'X' # 16-65	NE 1/4	SEC 16	T 18 S / R 7 E
STATE OF UTAH 'X' # 16-66	NW 1/4	SEC 16	T 18 S / R 7 E

13.

Name & Signature: J. J. [Signature]Title: D.V. MCR.Date: 5/12/97

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MININGDATE: 5/20/97BY: [Signature]

(12/92)

(See Instructions on Reverse Side)



**STATE OF UTAH  
DIVISION OF OIL AND GAS AND MINING**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.)

1. Type of Well ☐ OIL WELL ☒ GAS WELL ☐ OTHER COAL-BED METHANE

2. Name of Operator  
TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone Number:  
3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397

Location of Well

Footages: 646 NORTH 2084 EAST

QQ, Sec.T.,R.,M: NW , NE , 2 , T18S , R7E

5. Lease Designation and Serial Number:  
ML-45905

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:  
STATE OF UTAH 'U' 2-48

9. API. Well Number:  
4301530306

10. Field and Pool, or Wildcat:  
WILDCAT

CONFIDENTIAL

County: EMERY

State: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> OTHER _____             |   |

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> OTHER _____  |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on Well COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to the work.)

TEXACO E. & P. INC. HAS COMPLETED THE FOLLOWING ON THE SUBJECT WELL:

5/10/97 - WITH RATHOLE RIG, DRILL & SET 100' OF 14" CONDUCTOR PIPE. NOTIFY JIM THOMPSON-UDOGM OF SPUD.

5/11/97 - DRILL 12-1/4" HOLE TO 319'. CLEAN HOLE TO RUN SURFACE CASING.

RUN 7 JTS. 9-5/8", N-80 CASING TO 319'. CEMENT W/ 175 SX 'G' CEMENT W/ 2% CaCl. GOOD CIRCULATION. PUMP 8 BBL. TO SURFACE. PREPARE TO DRILL AHEAD. N.U. BOP'S. TEST CASING TO 1500 PSI., OK. TEST BOP'S. PREP TO DRILL.

TAG CEMENT AT 238'. DRILL 8-3/4" HOLE TO 3388'.

13.

Name and Signature

Ted A. Tipton

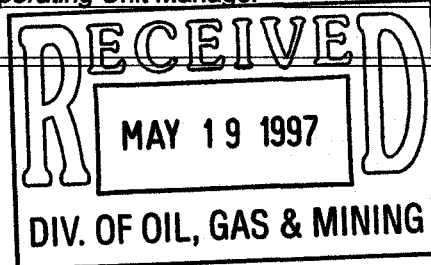
TITLE

Operating Unit Manager

DATE

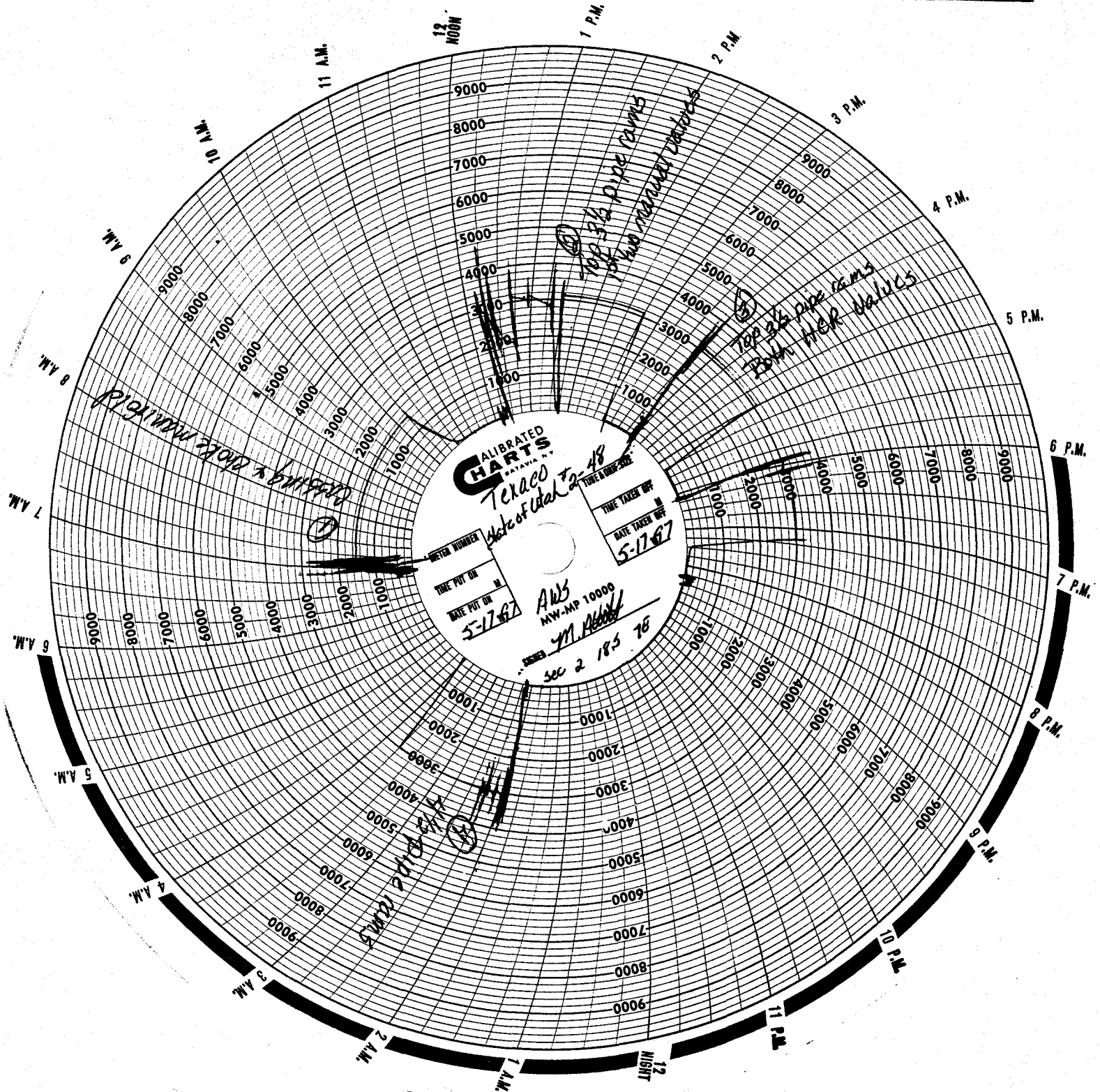
5/16/97

(This space for State use only)



SINCE JACK TESTING

<b>RECEIVED</b>	
	MAY 22 1997
DIV. OF OIL, GAS & MINING	



[illegible]

**STATE OF UTAH  
DIVISION OF OIL AND GAS AND MINING**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.)

1. Type of Well		<input type="checkbox"/> OIL WELL	<input checked="" type="checkbox"/> GAS WELL	<input type="checkbox"/> OTHER	COAL-BED METHANE
2. Name of Operator		TEXACO EXPLORATION & PRODUCTION, INC.			
3. Address and Telephone Number:		3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397			
5. Lease Designation and Serial Number:		ML-45905			
6. If Indian, Allottee or Tribe Name:					
7. Unit Agreement Name:					
8. Well Name and Number:		STATE OF UTAH 'U' 2-48			
9. API Well Number:		4301530306			
10. Field and Pool, or Wildcat:		WILDCAT			

**Location of Well**

Footages: 646 NORTH 2084 EAST County: EMERY  
 QQ, Sec, T, R, M: NW, NE, 2, T18S, R7E State: UT

**CONFIDENTIAL**

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> OTHER                   |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> OTHER        | T.D. - CASING SET                             |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on Well COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to the work.)

TEXACO E. & P. INC. HAS COMPLETED THE FOLLOWING ON THE SUBJECT WELL:

DRILL 8-3/4" HOLE TO 3388'. PREPARE TO SET 7" CASING. RUN 79 JTS, K-55, 23#, 7" INTERMEDIATE CASING. SET AT 3388'. CEMENT LEAD W/ 315 SX 50-50 POZ, CLASS 'G', TAIL W/ 80 SX 'RFC' CEMENT. CEMENT DID NOT CIRCULATE TO SURFACE.

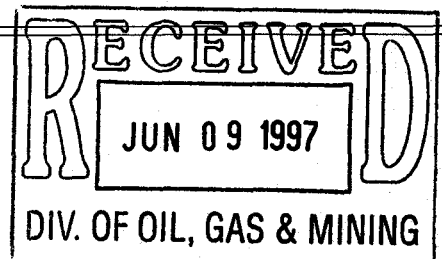
PREPARE TO CAVITATE WELL. NU CAVITATION BOP'S. TEST TO 3000 PSI, OK. TAG CEMENT AT 3345'. DRILL 6-1/8" HOLE TO 3620' T.D. RIG UP SCHLUMBERGER TO LOG. RUN PLATFORM EXPRESS SUITE W/ HIGH-RES. COAL LOG. RUN INJECTION SURVEY. PREPARE TO SPOT CEMENT OVER LOWEST FRACTURE ZONE. SPOT 15 SX CEMENT FROM 3620'-3595'. RUN PRESSURE BOMBS AND WATER FLOW LOG. UNDERREAM HOLE TO 9-1/2" FROM 3393'-3555'. CAVITATE WELL FOR EIGHT DAYS. RUN CALIPER LOG FROM 3472' TO 3388'.

RIH W/ RBP, SET AT 3088'. TEST TO 900 PSI, SPOT 2 SX SAND ON RBP. RELEASE RIG AT 1:00 5/31/97

13.

Name and Signature Ted A. Tipton *[Signature]* TITLE Operating Unit Manager DATE 6/4/97

(This space for State use only)



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						3. LEASE DESIGNATION AND SERIAL NO. MT-45905	
12. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <u>coal-bed methane</u>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RECVR. <input type="checkbox"/> Other _____						7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR TEXACO E. & P. INC.						5. FARM OR LEASE NAME State of Utah 'U'	
3. ADDRESS OF OPERATOR 3300 N. Butler Ave. Farmington, NM 87401						8. WELL NO. # 2-48	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 646' FNL, 2084' FEL At top prod. interval reported below same as above At total depth same as above						10. FIELD AND POOL, OR WILDCAT Wildcat	
<b>CONFIDENTIAL</b>						11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 2 T18S / R7E	
						12. COUNTY Emery	
14. API NO. 43-015-30306						13. STATE UT	
DATE ISSUED 4/24/97							
15. DATE SPUNDED 5/10/97		16. DATE T.D. REACHED 5/18/97		17. DATE COMPL. (Ready to prod.) 5/31/97 (Plug & Abd.)		18. ELEVATIONS (DF. RES. RT. GR. ETC.) 6543' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 3620'		21. PLUG BACK T.D., MD & TVD 3620'		22. IF MULTIPLE COMPL. HOW MANY --	
23. INTERVALS DRILLED BY --						24. ROTARY TOOLS XX	
25. CABLE TOOLS						26. WAS DIRECTIONAL SURVEY MADE Yes	
27. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 3379' - 3620' Ferron fm.							
28. TYPE ELECTRIC AND OTHER LOGS RUN neut. dens./induction/high res. coal log						29. WAS WELL CORED YES <input type="checkbox"/> NO <input type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input type="checkbox"/> NO <input type="checkbox"/> (See reverse side)	
30. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		36#		319'		12-1/4"	
7"		23#		3388'		8-3/4"	
31. LINER RECORD				32. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		PACKER SET (MD)	
33. PERFORATION RECORD (Interval, size and number) 3388' - 3620' OPEN HOLE				34. ACID, SHORT FRACTURE, COIN. SURVEY, ETC. DEPTH INTERVAL (MD) --			
<b>CONFIDENTIAL</b>				<b>RECEIVED</b> JUL 11 1997			
35. PRODUCTION							
DATE FIRST PRODUCTION 6/17/97		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pumping					
DATE OF TEST 6/25/97		HOURS TESTED 24 hr.		CHOKE SIZE --		PROD'N. FOR TEST PERIOD --	
FLOW. TUBING PRESS. 95 psi		CASING PRESSURE 95 psi		CALCULATED 24-HOUR RATE --		OIL—BSL. 0	
						GAS—MCF. 485	
						WATER—BSL. --	
						OIL GRAVITY-API (CORR.) --	
36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) --						TEST WITNESSED BY R. WIRTH	
37. LIST OF ATTACHMENTS							
38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Rached Hindi</u>		TITLE Senior Petroleum Eng.				DATE 7/9/97	

See Spaces for Additional Data on Reverse Side

## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	Name	<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black; margin-bottom: 5px;"> <span>Meas. Depth</span> <span>Top</span> </div> <div style="display: flex; justify-content: space-between;"> <span></span> <span>True Vert. Depth</span> </div>
Ferron	3379'		Sandstone, Coal	Ferron fm.	<div style="display: flex; justify-content: space-between;"> <span>3379'</span> <span></span> </div>

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR TEXACO E & P INC.  
ADDRESS 3300 N BUTLER  
FARMINGTON, NM 87401

OPERATOR ACCT. NO. 0980

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	12145	4301530306	STATE OF UTAH U 2-48	NW/NE	2	18S	7E	EMERY	5/10/97	
WELL 1 COMMENTS: <i>Entities added 7-1-97. Lec</i>											
A	99999	12146	4301530309	STATE OF UTAH U 2-49	NW/SE	2	18S	7E	EMERY	5/30/97	
WELL 2 COMMENTS:											
A	99999	12147	4301530308	STATE OF UTAH U 2-50	NE/SW	2	18S	7E	EMERY	6/12/97	
WELL 3 COMMENTS:											
A	99999	12148	4301530314	U.P. & L 14-55	NW/NW	14	18S	7E	EMERY	6/17/97	
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENTS section to explain why each Action Code was selected.

(3/89)

*[Signature]*  
Signature

Admin Associate III 6/24/97  
Title Date

Phone No. (505) 325-4397 ext. 10

P.2/2

JUN 24 '97 01:27PM



TEXACO

## FAX TRANSMITTAL COVER SHEET

NOTE: DO NOT USE BLUE OR RED INK OR PENCIL ON THIS FORM. THEY WILL NOT REPRODUCE

DATE: June 24, 1997 ☐ URGENT ☐ ROUTINE NO. OF PAGES C+1MESSAGE TO: Lisha CordovaTELEPHONE NO. (801) 538 5296 FAX MACHINE NO. 801 359-3940DEPT./DIV./SUBS. Utah OGMLOCATION Salt Lake ROOM NO. \_\_\_\_\_MESSAGE FROM: Tami DenetsuTELEPHONE NO. 505 325 4397 FAX MACHINE NO. 505 325 5398

DEPT./DIV./SUBS. \_\_\_\_\_

LOCATION FARMINGTON NM ROOM NO. \_\_\_\_\_

SENDING DEPT. APPROVAL \_\_\_\_\_ TIME TRANSMITTED \_\_\_\_\_

☐ RETURN ORIGINAL VIA INTER-OFFICE MAIL☐ RETURN ORIGINAL CALL SENDER TO PICK UPADDITIONAL COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



STATE OF UTAH  
DIVISION OF OIL AND GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.)

<b>1. Type of Well</b> <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER    COAL-BED METHANE	<b>5. Lease Designation and Serial Number:</b> ML-45905
<b>2. Name of Operator</b> TEXACO EXPLORATION & PRODUCTION, INC.	<b>6. If Indian, Allottee or Tribe Name:</b>
<b>3. Address and Telephone Number:</b> 3300 N. Butler Ave., Suite 100      Farmington      NM      87401      (505) 325-4397	<b>7. Unit Agreement Name:</b>
<b>Location of Well</b> Footages:      646      NORTH      2084      EAST QQ, Sec, T., R., M.:      NW      , NE      , 2      , T18S      , R7E	<b>8. Well Name and Number:</b> STATE OF UTAH 'U'      2-48
	<b>9. API Well Number:</b> 4301530306
	<b>10. Field and Pool, or Wildcat:</b> WILDCAT

CONFIDENTIAL

Location of Well

Footages:      646      NORTH      2084      EAST

QQ, Sec, T., R., M.:      NW      , NE      , 2      , T18S      , R7E

County:      EMERY

State:      UT

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> OTHER _____             |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment                              | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                            | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                          | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                  | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                           | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> OTHER <b>FIRST PRODUCTION</b> |   |

Date of work completion      6/17/97

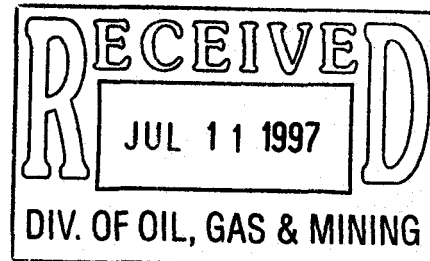
Report results of Multiple Completions and Recompletions to different reservoirs on Well COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to the work.)**

TEXACO E. & P. INC. HAS COMPLETED THE FOLLOWING ON THE SUBJECT WELL:

THIS WELL WAS CONNECTED TO THE EXISTING GATHERING SYSTEM AND TURNED TO PRODUCTION ON 6/17/97.



**13. Name and Signature**      Ted A. Tipton      *Patched Hingdi*      **TITLE**      Operating Unit Manager      **DATE**      7/9/97

(This space for State use only)



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

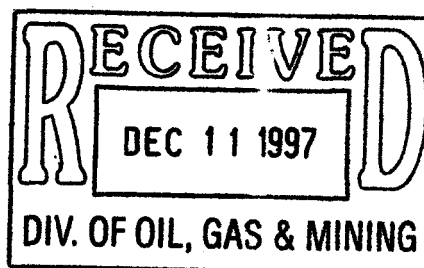
801-538-7223 (TDD)

FARMINGTON AREA			
ARD		JMY	
RH	11/20	LJB	
LNS		RDW	
JR		BRH	
NOV 20 1997			
MRR		TER	
BAB		JLS	
BAC		TLD	
RFS		FILE	
RSD		RETURN TO	

Please handle

November 17, 1997

Mr. Rached Hindi  
Texaco E & P inc.  
3300 North Butler Avenue  
Farmington, New Mexico 87401



Re: State of Utah 'U' #2-48, API No. 43-015-30306  
Submittal of Electric and Radioactivity Logs  
185 OTE 02

Dear Mr. Hindi:

**CONFIDENTIAL**

We have not received the log for the above referenced well. However, the Well Completion Report indicated that a **Neut. Dens/Induction/High Res Coal Log** was run. We previously requested a copy of this log July 21, 1997.

Your help in this matter will be greatly appreciated. If you have questions regarding this request, please contact me at (801) 538-5279.

Sincerely,

*Vicky Dyson*

Vicky Dyson  
Production Group Supervisor

cc: Log File



**Chevron**

**Chevron U.S.A. Production Company**  
Mid-Continent Business Unit  
P.O. Box 36366  
Houston, TX 77236  
Phone 713 754 2000

April 9, 2002

Mr. John Baza,  
Associate Director of Oil and Gas  
Utah Department of Natural Resources  
Division of Oil, Gas & Mining  
1594 W. North Temple St., Suite 1210  
Salt Lake City, UT 84114-5801

**RECEIVED**

APR 12 2002

DIVISION OF  
OIL, GAS AND MINING

Dear Mr. Baza:

As you may recall from our meeting last year, we planned to combine the assets of Chevron U.S.A. Inc. ("CUSA"), by merger, and Texaco Exploration and Production Inc. ("TEPI"), by assignment, into a new entity which we referred to as "Newco LP". Along the way, additional information came to light and it was decided that this proposed corporate restructure would not be preferable. Therefore, CUSA and TEPI have continued to operate as separate entities.

We are now planning a simpler restructuring process where TEPI will assign most of its assets/operatorship to CUSA effective May 1, 2002. We plan to use the existing CUSA bonds/letters of credit, operator identification numbers, etc., for the TEPI assets that will be assigned.

A task force of Land, Regulatory and Environmental Compliance personnel are finishing the work that was begun last year to assign TEPI's assets—using the same forms and procedures as before. We have "new faces" in this task force due to reassignments and departures. In some cases, it may be worthwhile to visit you and your staff in person where new people are involved or if we need to review/clarify your forms and procedures. Otherwise, we will endeavor to complete the work to assign TEPI's assets/operatorship to CUSA and deliver the requisite materials to you in a timely manner.

During discussions last year, our focus was on Land, Regulatory and Environmental matters. The Finance organization also desires to join in this effort. For State Tax, Royalty and Regulatory reporting purposes (applicable to production from May 2002 through December 2002), we intend to generate two reports and two payments.

However, the reporting company name and identification number will be CUSA's. Beginning with January 2003 production and thereafter, we will issue only one CUSA report and payment. We trust this plan meets with your approval. Any questions or comments should be directed to Rick Dunlavy (telephone 713/752-7411, rickdunlavy@chevrontexaco.com).

We appreciate the cooperation and guidance you provided us in the past, and we look forward to bringing these efforts to a conclusion.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Don R. Sellars". The signature is written in a cursive, flowing style.

Don R. Sellars

Sr. Environmental Specialist

Chevron U. S. A. Inc  
Permian Business Unit  
Aneth Operations  
San Juan County, Utah

Name / Operatorship Change  
Texaco Exploration and Production Inc  
to  
Chevron U. S. A Inc.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	36	160S	070E	4301530506	ST OF UT T 36-100	3		DRL
N5700	36	160S	070E	4301530268	ST OF UT T 36-10	3	P	GW
N5700	36	160S	070E	4301530530	ST OF UT 36-139	3		DRL
N5700	36	160S	070E	4301530550	ST OF UT 36-138	3		DRL
N5700	36	170S	070E	4301530382	UTAH STATE 36-78	3	P	GW
N5700	36	170S	070E	4301530508	ST OF UT II 36-96	3		DRL
N5700	36	170S	070E	4301530509	ST OF UT II 36-95	3		DRL
N5700	02	170S	080E	4301530533	ST OF UT FO 02-186	3		DRL
N5700	02	170S	080E	4301530553	ST OF UT FO 02-188	3	P	GW
N5700	03	170S	080E	4301530499	ST OF UT GG 03-122	3		DRL
N5700	03	170S	080E	4301530500	ST OF UT HH 03-133	3	P	GW
N5700	03	170S	080E	4301530549	ST OF UT JJ 03-160	3		APD
N5700	03	170S	080E	4301530552	ST OF UT CC 03-161	3		DRL
N5700	04	170S	080E	4301530503	ST OF UT BB 04-116	3	P	GW
N5700	04	170S	080E	4301530504	ST OF UT GG 04-115	3	P	GW
N5700	04	170S	080E	4301530554	ST OF UT BB 04-158	3		APD
N5700	04	170S	080E	4301530555	ST OF UT BB 04-159	3		APD
N5700	05	170S	080E	4301530479	ST OF UT BB 05-107	3	P	GW
N5700	05	170S	080E	4301530480	ST OF UT BB 05-108	3	P	GW
N5700	05	170S	080E	4301530481	ST OF UT BB 05-109	3	P	GW
N5700	05	170S	080E	4301530482	ST OF UT BB 05-110	3	P	GW
N5700	07	170S	080E	4301530396	ST OF UT AA 07-106	3	P	GW

N5700	07	170S	080E	4301530497	ST OF UT AA 07-105	3	P	GW
N5700	08	170S	080E	4301530496	ST OF UT BB 08-113	3		DRL
N5700	09	170S	080E	4301530437	ST OF UT BB 09-119	3		DRL
N5700	09	170S	080E	4301530444	ST OF UT BB 09-120	3	P	GW
N5700	10	170S	080E	4301530438	ST OF UT CC 10-124	3	P	GW
N5700	10	170S	080E	4301530454	ST OF UT CC 10-123	3	P	GW
N5700	10	170S	080E	4301530458	ST OF UT FF 10-125	3	P	GW
N5700	11	170S	080E	4301530459	ST OF UT FF 11-129	3	P	GW
N5700	11	170S	080E	4301530462	ST OF UT FF 11-130	3	P	GW
N5700	14	170S	080E	4301530528	ST OF UT 14-170	3		APD
N5700	15	170S	080E	4301530502	ST OF UT GG 15-128	3		APD
N5700	31	170S	080E	4301530439	ST OF UT DD 31-98	3	S	GW
N5700	06	170S	090E	4301530393	ST OF UT EE 06-138	3		APD
N5700	01	180S	070E	4301530381	UTAH STATE 1-76	3	P	GW
N5700	01	180S	070E	4301530498	ST OF UT 01-97	3		DRL
N5700	02	180S	070E	4301530270	ST OF UT U 2-11	3	P	GW
N5700	02	180S	070E	4301530306	ST OF UT U 2-48	3	P	GW
N5700	02	180S	070E	4301530308	ST OF UT U 2-50	3	P	GW
N5700	02	180S	070E	4301530309	ST OF UT U 2-49	3	P	GW
N5700	16	180S	070E	4301530311	ST OF UT X 16-66	3	P	GW
N5700	16	180S	070E	4301530312	ST OF UT X 16-65	3	P	GW

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER Operator Name Change

2. NAME OF OPERATOR:  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR:  
P.O. Box 36366 CITY Houston STATE TX ZIP 77236

PHONE NUMBER:  
(281) 561-3443

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached List of Wells

COUNTY: Emery

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

See Attached List of Wells

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

BLM & State of Utah

7. UNIT or CA AGREEMENT NAME:

Orangeville & Huntington

8. WELL NAME and NUMBER:

See Attached List of Wells

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Operator Name</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Change (Merger)</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective May 1, 2002, Chevron U.S.A. Inc. is the new operator of the attached list of subject wells and leases that were previously operated by Texaco Exploration and Production Inc. The subject wells are located North of Orangeville and North of Huntington, Emery County, Utah. These Wells will be protected by the following surety bonds:

STATE OF UTAH Bond #: 103521627-0016 in the amount of \$80,000. (This bond will replace United Pacific Insurance Company bond number U89-75-80-0059. We respectfully request this bond be released and returned.)

BLM Nationwide Bond#: U89-75-81-0034 in the amount of \$300,000.

Key Contacts:

Ron Wirth - Operations Supervisor - 435 748-5395 x1  
Texaco Exploration & Production Inc.

J. S. Purdy, Attorney-In-Fact

**RECEIVED**  
MAY 06 2002  
DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) Allen S. Robinson

TITLE Attorney-In-Fact

SIGNATURE

Allen S. Robinson

DATE April 30, 2002

(This space for State use only)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW ✓

3. FILE

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change

X Merger

The operator of the well(s) listed below has changed, effective: 05-01-2002

**FROM:** (Old Operator):

TEXACO EXPLORATION &amp; PRODUCTION INC

Address: 3300 NORTH BUTLER, STE 100

FARMINGTON, NM 87401

Phone: 1-(505)-325-4397

Account No. N5700

**TO:** ( New Operator):

CHEVRON USA INC

Address: P O BOX 36366

HOUSTON, TX 79702

Phone: 1-(915)-687-2000

Account No. N0210

CA No.

Unit:

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ST OF UTAH T 36-10	36-16S-07E	43-015-30268	11866	STATE	GW	P
ST OF UTAH 36-78	36-17S-07E	43-015-30382	13211	STATE	GW	P
ST OF UTAH II 36-95	36-17S-07E	43-015-30509	13573	STATE	GW	DRL
ST OF UTAH II 36-96	36-17S-07E	43-015-30508	13591	STATE	GW	DRL
UTAH STATE 1-76	01-18S-07E	43-015-30381	12820	STATE	GW	P
ST OF UT 01-97	01-18S-07E	43-015-30498	13578	STATE	GW	DRL
ST OF UT U 2-11	02-18S-07E	43-015-30270	11865	STATE	GW	P
ST OF UT U 2-48	02-18S-07E	43-015-30306	12145	STATE	GW	P
ST OF UT U 2-49	02-18S-07E	43-015-30309	12146	STATE	GW	P
ST OF UT U 2-50	02-18S-07E	43-015-30308	12147	STATE	GW	P
ST OF UT X 16-65	16-18S-07E	43-015-30312	12203	STATE	GW	P
ST OF UT X 16-66	16-18S-07E	43-015-30311	12204	STATE	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-2-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/06/2002
2. (R649-2-10) Sundry or legal documentation was received from the **NEW** operator on: 04/12/2002
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10/16/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 564408-0143
5. If **NO**, the operator was contacted on: N/A



6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 10/16/2002
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/16/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 6049663

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: N/A

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:** Chevron USA Inc merged with Texaco Exploration & Production Inc to form ChevronTexaco Inc although all the Utah operations will be operated by Chevron USA Inc.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Various Leases
2. NAME OF OPERATOR: XTO ENERGY INC. <i>N2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2700 Farmington Bldg K, Sui CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: Emery		8. WELL NAME and NUMBER: See attached list
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		9. API NUMBER: Multiple
		10. FIELD AND POOL, OR WILDCAT: Buzzard Bench

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective August 1, 2004, the operator changed from Chevron U.S.A. Inc. to XTO ENERGY INC. for all wells on the attached list.

BLM #579173

State and Fee Bond #104312762

*Kenneth W. Jackson*

Kenneth W. Jackson Regulatory Specialist ChevronTexaco for Chevron U.S.A. Inc. *N0210*

NAME (PLEASE PRINT) <i>James L. Death</i>	TITLE <i>Vice President Land</i>
SIGNATURE <i>James L. Death</i>	DATE <i>8/16/04</i>

(This space for State use only)

APPROVED *9/30/2004*

*Earlene Russell*

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

SEP 28 2004

DIV. OF OIL, GAS & MINING

API Well Number	Well Name	Well Type	County Name	Qtr/Qtr	Section	Twn-Rng
43-015-30242-00-00	L M LEMMON 10-1	Gas Well	EMERY	SESE	10	17S-8E
43-015-30243-00-00	FEDERAL B21-3	Gas Well	EMERY	NESW	21	19S-7E
43-015-30244-00-00	FEDERAL A26-2	Gas Well	EMERY	SESW	26	18S-7E
43-015-30245-00-00	FEDERAL C23-8	Gas Well	EMERY	NENW	23	18S-7E
43-015-30246-00-00	FEDERAL A26-4	Gas Well	EMERY	SWSE	26	18S-7E
43-015-30247-00-00	FEDERAL A35-6	Gas Well	EMERY	NWNW	35	18S-7E
43-015-30248-00-00	FEDERAL A35-5	Gas Well	EMERY	NWNE	35	18S-7E
43-015-30249-00-00	FEDERAL A34-7	Gas Well	EMERY	NENE	34	18S-7E
43-015-30258-00-00	UTAH FED P 10-47	Gas Well	EMERY	NWNW	10	18S-7E
43-015-30259-00-00	A L JENSEN 27-9	Gas Well	EMERY	SESE	27	21S-6E
43-015-30268-00-00	ST OF UT T 36-10	Gas Well	EMERY	SWNE	36	16S-7E
43-015-30270-00-00	ST OF UT U 2-11	Gas Well	EMERY	NWNW	2	18S-7E
43-015-30272-00-00	SWD 1	Water Disposal Well	EMERY	SWNW	24	18S-7E
43-015-30274-00-00	UTAH FED S 8-46	Gas Well	EMERY	SESW	8	18S-7E
43-015-30275-00-00	UTAH FED R 9-45	Gas Well	EMERY	NWNE	9	18S-7E
43-015-30276-00-00	UTAH FED P 10-42	Gas Well	EMERY	NWNE	10	18S-7E
43-015-30277-00-00	UTAH FED P 10-43	Gas Well	EMERY	NWSE	10	18S-7E
43-015-30280-00-00	UTAH FED Q 4-44	Gas Well	EMERY	SESE	4	18S-7E
43-015-30282-00-00	UTAH FED D 34-12	Gas Well	EMERY	SESE	34	17S-7E
43-015-30285-00-00	UTAH FED D 35-13	Gas Well	EMERY	SWSW	35	17S-7E
43-015-30286-00-00	UTAH FED D 35-14	Gas Well	EMERY	NWNW	35	17S-7E
43-015-30287-00-00	UTAH FED D 35-15	Gas Well	EMERY	SWSE	35	17S-7E
43-015-30292-00-00	UTAH FED M 6-25	Gas Well	EMERY	SENE	6	17S-8E
43-015-30294-00-00	UTAH FED H 6-21	Gas Well	EMERY	SESW	6	20S-7E
43-015-30303-00-00	SWD 3	Water Disposal Well	EMERY	SENE	11	18S-7E
43-015-30306-00-00	ST OF UT U 2-48	Gas Well	EMERY	NWNE	2	18S-7E
43-015-30308-00-00	ST OF UT U 2-50	Gas Well	EMERY	NESW	2	18S-7E
43-015-30309-00-00	ST OF UT U 2-49	Gas Well	EMERY	NWSE	2	18S-7E
43-015-30310-00-00	L & M CURTIS 10-58	Gas Well	EMERY	SWSW	10	18S-7E
43-015-30311-00-00	ST OF UT X 16-66	Gas Well	EMERY	SENE	16	18S-7E
43-015-30312-00-00	ST OF UT X 16-65	Gas Well	EMERY	NWNE	16	18S-7E
43-015-30313-00-00	U P & L 14-53	Gas Well	EMERY	SESE	14	18S-7E
43-015-30314-00-00	U P & L 14-55	Gas Well	EMERY	NWNW	14	18S-7E
43-015-30315-00-00	U P & L 23-51	Gas Well	EMERY	SENE	23	18S-7E
43-015-30316-00-00	U P & L 24-57	Gas Well	EMERY	NWNW	24	18S-7E
43-015-30318-00-00	D & A JONES 15-68	Gas Well	EMERY	NENW	15	18S-7E
43-015-30319-00-00	D&D CURTIS 14-54	Gas Well	EMERY	SENE	14	18S-7E
43-015-30320-00-00	P & K PEACOCK 8-62	Gas Well	EMERY	SWNE	8	18S-7E
43-015-30321-00-00	PEACOCK TRUST 9-60	Gas Well	EMERY	NWSW	9	18S-7E
43-015-30323-00-00	SWD 2	Water Disposal Well	EMERY	NWNW	14	18S-7E
43-015-30324-00-00	R G NORRIS 14-40	Gas Well	EMERY	NESW	14	18S-7E
43-015-30325-00-00	L & M CURTIS 15-67	Gas Well	EMERY	NENE	15	18S-7E
43-015-30326-00-00	PEACOCK TRUST 8-61	Gas Well	EMERY	NESE	8	18S-7E
43-015-30327-00-00	PEACOCK 7-64	Gas Well	EMERY	NENE	7	18S-7E
43-015-30328-00-00	PEACOCK TRUST 8-63	Gas Well	EMERY	SENE	8	18S-7E
43-015-30329-00-00	D & A JONES 9-59	Gas Well	EMERY	SESE	9	18S-7E
43-015-30381-00-00	UTAH STATE 1-76	Gas Well	EMERY	NWNW	1	18S-7E
43-015-30382-00-00	UTAH STATE 36-78	Gas Well	EMERY	SWSW	36	17S-7E
43-015-30383-00-00	USA 3-74	Gas Well	EMERY	SESE	3	18S-7E
43-015-30384-00-00	USA 3-75	Gas Well	EMERY	NENE	3	18S-7E
43-015-30385-00-00	USA 11-70	Gas Well	EMERY	SWSE	11	18S-7E
43-015-30386-00-00	USA 11-71	Gas Well	EMERY	SWNE	11	18S-7E
43-015-30387-00-00	USA 11-72	Gas Well	EMERY	NWNW	11	18S-7E
43-015-30388-00-00	USA 11-73	Gas Well	EMERY	NWSW	11	18S-7E
43-015-30389-00-00	USA 34-80	Gas Well	EMERY	SENE	34	17S-7E
43-015-30390-00-00	USA 34-82	Gas Well	EMERY	SESW	34	17S-7E
43-015-30393-00-00	ST OF UT EE 06-138	Gas Well	EMERY	NENW	6	17S-9E
43-015-30396-00-00	ST OF UT AA 07-106	Gas Well	EMERY	NWNE	7	17S-8E
43-015-30437-00-00	ST OF UT BB 09-119	Gas Well	EMERY	SESW	9	17S-8E
43-015-30438-00-00	ST OF UT CC 10-124	Gas Well	EMERY	SENE	10	17S-8E
43-015-30439-00-00	ST OF UT DD 31-98	Gas Well	EMERY	NWSW	31	17S-8E
43-015-30440-00-00	FEDERAL T 27-85	Gas Well	EMERY	SENE	27	18S-7E
43-015-30441-00-00	UP&L 06-102	Gas Well	EMERY	NENW	6	17S-8E
43-015-30442-00-00	UP&L 06-104	Gas Well	EMERY	NESE	6	17S-8E
43-015-30443-00-00	WM S IVIE ET AL 09-118	Gas Well	EMERY	SWNE	9	17S-8E

API Well Number	Well Name	Well Type	County Name	Qtr/Qtr	Section	Twn-Rng
43-015-30444-00-00	ST OF UT BB 09-120	Gas Well	EMERY	NESE	9	17S-8E
43-015-30445-00-00	FEDERAL A 26-88	Gas Well	EMERY	SWNW	26	18S-7E
43-015-30446-00-00	FEDERAL A 35-89	Gas Well	EMERY	NWSW	35	18S-7E
43-015-30447-00-00	FEDERAL C 23-84	Gas Well	EMERY	NESW	23	18S-7E
43-015-30448-00-00	FEDERAL P 3-92	Gas Well	EMERY	SESW	3	18S-7E
43-015-30449-00-00	FEDERAL P 3-93	Gas Well	EMERY	SWNW	3	18S-7E
43-015-30450-00-00	FEDERAL T 21-94	Gas Well	EMERY	NENE	21	18S-7E
43-015-30451-00-00	FEDERAL T 22-69	Gas Well	EMERY	NENE	22	18S-7E
43-015-30452-00-00	FEDERAL T 22-83	Gas Well	EMERY	SWSE	22	18S-7E
43-015-30453-00-00	FEDERAL T 22-91	Gas Well	EMERY	NENW	22	18S-7E
43-015-30454-00-00	ST OF UT CC 10-123	Gas Well	EMERY	NWNW	10	17S-8E
43-015-30455-00-00	FEDERAL T 27-86	Gas Well	EMERY	SENE	27	18S-7E
43-015-30456-00-00	FEDERAL T 27-87	Gas Well	EMERY	SESE	27	18S-7E
43-015-30457-00-00	FEDERAL T 27-90	Gas Well	EMERY	NWSW	27	18S-7E
43-015-30458-00-00	ST OF UT FF 10-125	Gas Well	EMERY	NESW	10	17S-8E
43-015-30459-00-00	ST OF UT FF 11-129	Gas Well	EMERY	NWNW	11	17S-8E
43-015-30462-00-00	ST OF UT FF 11-130	Gas Well	EMERY	NWSW	11	17S-8E
43-015-30478-00-00	GARDNER TRUST ET AL 16-121	Gas Well	EMERY	NENE	16	17S-8E
43-015-30479-00-00	ST OF UT BB 05-107	Gas Well	EMERY	SENW	5	17S-8E
43-015-30480-00-00	ST OF UT BB 05-108	Gas Well	EMERY	NWSW	5	17S-8E
43-015-30481-00-00	ST OF UT BB 05-109	Gas Well	EMERY	SENE	5	17S-8E
43-015-30482-00-00	ST OF UT BB 05-110	Gas Well	EMERY	SWSE	5	17S-8E
43-015-30483-00-00	UP&L 06-103	Gas Well	EMERY	NESW	6	17S-8E
43-015-30484-00-00	AMERICA WEST GROUP ET AL 15-126	Gas Well	EMERY	NENW	15	17S-8E
43-015-30485-00-00	W H LEONARD ET AL 15-127	Gas Well	EMERY	NENE	15	17S-8E
43-015-30486-00-00	ROWLEY 08-111	Gas Well	EMERY	SENW	8	17S-8E
43-015-30490-00-00	SWD 4	Water Disposal Well	EMERY	SENE	15	17S-8E
43-015-30495-00-00	SEELEY 08-112	Gas Well	EMERY	NENE	8	17S-8E
43-015-30496-00-00	ST OF UT BB 08-113	Gas Well	EMERY	NWSE	8	17S-8E
43-015-30497-00-00	ST OF UT AA 07-105	Gas Well	EMERY	SWNW	7	17S-8E
43-015-30498-00-00	ST OF UT 01-97	Gas Well	EMERY	SENE	1	18S-7E
43-015-30499-00-00	ST OF UT GG 03-122	Gas Well	EMERY	SWSW	3	17S-8E
43-015-30500-00-00	ST OF UT HH 03-133	Gas Well	EMERY	SWSE	3	17S-8E
43-015-30501-00-00	SEELEY FARMS 09-117	Gas Well	EMERY	NWNW	9	17S-8E
43-015-30502-00-00	ST OF UT GG 15-128	Gas Well	EMERY	NWSW	15	17S-8E
43-015-30503-00-00	ST OF UT BB 04-116	Gas Well	EMERY	SWSE	4	17S-8E
43-015-30504-00-00	ST OF UT GG 04-115	Gas Well	EMERY	NESW	4	17S-8E
43-015-30505-00-00	BURNSIDE 14-132	Gas Well	EMERY	NWNE	14	17S-8E
43-015-30506-00-00	ST OF UT T 36-100	Gas Well	EMERY	NESE	36	16S-7E
43-015-30507-00-00	UT FED KK 01-140	Gas Well	EMERY	SENW	1	17S-7E
43-015-30508-00-00	ST OF UT II 36-96	Gas Well	EMERY	NWSE	36	17S-7E
43-015-30509-00-00	ST OF UT II 36-95	Gas Well	EMERY	NWNE	36	17S-7E
43-015-30510-00-00	SWD 5	Water Disposal Well	EMERY	SESE	23	17S-8E
43-015-30511-00-00	UP&L FED 01-101	Gas Well	EMERY	SENE	1	17S-7E
43-015-30520-00-00	ST OF UT SS 22-165	Gas Well	EMERY	NENE	22	17S-8E
43-015-30521-00-00	ZIONS FED 35-135R (RIG SKID)	Gas Well	EMERY	NESW	35	16S-7E
43-015-30528-00-00	ST OF UT 14-170	Gas Well	EMERY	SWSE	14	17S-8E
43-015-30529-00-00	CONOVER 14-171	Gas Well	EMERY	NWSW	14	17S-8E
43-015-30530-00-00	ST OF UT 36-139	Gas Well	EMERY	NWSW	36	16S-7E
43-015-30533-00-00	ST OF UT FO 02-186	Gas Well	EMERY	NENW	2	17S-8E
43-015-30549-00-00	ST OF UT JJ 03-160	Gas Well	EMERY	NWNW	3	17S-8E
43-015-30550-00-00	ST OF UT 36-138	Gas Well	EMERY	SWNW	36	16S-7E
43-015-30551-00-00	UT FED P 12-153	Gas Well	EMERY	NWNW	12	18S-7E
43-015-30552-00-00	ST OF UT CC 03-161	Gas Well	EMERY	SENE	3	17S-8E
43-015-30553-00-00	ST OF UT FO 02-188	Gas Well	EMERY	NWSW	2	17S-8E
43-015-30554-00-00	ST OF UT BB 04-158	Gas Well	EMERY	NENW	4	17S-8E
43-015-30555-00-00	ST OF UT BB 04-159	Gas Well	EMERY	SWNE	4	17S-8E
43-015-30556-00-00	MALONE 14-131	Gas Well	EMERY	SWNW	14	17S-8E
43-015-30559-00-00	UT FED KK 01-141	Gas Well	EMERY	SESE	1	17S-7E
43-015-30560-00-00	ST OF UT FO 02-189	Gas Well	EMERY	SWNE	2	17S-8E
43-015-30561-00-00	ST OF UT GG 15-184	Gas Well	EMERY	NWSE	15	17S-8E
43-015-30562-00-00	STATE OF UTAH "LL" 31-20	Gas Well	EMERY	NWNW	31	17S-8E
43-015-30566-00-00	ST OF UT "KK" 32-145	Gas Well	EMERY	NESE	32	16S-8E
43-015-30567-00-00	ST OF UT "KK" 32-144	Gas Well	EMERY	SWSW	32	16S-8E
43-015-30568-00-00	ST OF UT "AA" 18-153	Gas Well	EMERY	SESW	18	17S-8E

API Well Number	Well Name
43-015-30569-00-00	ST OF UT "AA" 07-146
43-015-30570-00-00	ST OF UT "AA" 18-154
43-015-30571-00-00	ST OF UT "AA" 17-156
43-015-30572-00-00	ST OF UT "AA" 18-149
43-015-30573-00-00	ST OF UT "MM" 20-192
43-015-30574-00-00	ST OF UT "MM" 20-193
43-015-30575-00-00	ST OF UT MM 20-194
43-015-30576-00-00	ST OF UT AA 07-147
43-015-30577-00-00	ST OF UT BB 08-148
43-015-30578-00-00	ST OF UT AA 18-150
43-015-30579-00-00	ST OF UT NN 19-157
43-015-30580-00-00	ST OF UT AA 17-152
43-015-30581-00-00	ST OF UT OO 16-190
43-015-30582-00-00	ST OF UT PP 16-191
43-015-30583-00-00	ST OF UT AA 17-151
43-015-30585-00-00	ST OF UT MM 21-195
43-015-30586-00-00	ST OF UT GG 21-163
43-015-30587-00-00	ZIONS FED 35-137
43-015-30589-00-00	UTAH FED 01-205D
43-015-30590-00-00	ZIONS FED 02-134
43-015-30591-00-00	UTAH FED 12-197
43-015-30592-00-00	ST OF UT QQ 31-201
43-015-30593-00-00	ST OF UT AA 17-155
43-015-30601-00-00	UTAH FED 12-199
43-015-30602-00-00	UTAH FED 35-196
43-015-30603-00-00	UTAH FED 35-136
43-015-30604-00-00	UT FED 12-200D
43-015-30605-00-00	UT FED 12-198D
43-015-30606-00-00	ST OF UT QQ 31-204D
43-015-30607-00-00	ST OF UT QQ 31-203D
43-015-30608-00-00	ST OF UT QQ 31-202D
43-015-30609-00-00	ST OF UT HH 23-166

Well Type	County Name	Qtr/Qtr	Section	Twn-Rng
Gas Well	EMERY	NESW	7	17S-8E
Gas Well	EMERY	NESE	18	17S-8E
Gas Well	EMERY	SWSE	17	17S-8E
Gas Well	EMERY	SENW	18	17S-8E
Gas Well	EMERY	SENW	20	17S-8E
Gas Well	EMERY	NENE	20	17S-8E
Gas Well	EMERY	NWSW	20	17S-8E
Gas Well	EMERY	SESE	7	17S-8E
Gas Well	EMERY	NWSW	8	17S-8E
Gas Well	EMERY	NWNE	18	17S-8E
Gas Well	EMERY	NENE	19	17S-8E
Gas Well	EMERY	NENE	17	17S-8E
Gas Well	EMERY	NESW	16	17S-8E
Gas Well	EMERY	NESE	16	17S-8E
Gas Well	EMERY	NENW	17	17S-8E
Gas Well	EMERY	NENW	21	17S-8E
Gas Well	EMERY	NENE	21	17S-8E
Gas Well	EMERY	NESE	35	16S-7E
Gas Well	EMERY	SENW	1	17S-7E
Gas Well	EMERY	NWNW	2	17S-7E
Gas Well	EMERY	SENE	12	17S-7E
Gas Well	EMERY	SESW	31	16S-8E
Gas Well	EMERY	SWSW	17	17S-8E
Gas Well	EMERY	NESE	12	17S-7E
Gas Well	EMERY	NENW	35	16S-7E
Gas Well	EMERY	SWNE	35	16S-7E
Gas Well	EMERY	NESE	12	17S-7E
Gas Well	EMERY	SENE	12	17S-7E
Gas Well	EMERY	SESW	31	16S-8E
Gas Well	EMERY	SESW	31	16S-8E
Gas Well	EMERY	SESW	31	16S-8E
Gas Well	EMERY	NENW	23	17S-8E

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

8/1/2004

**FROM:** (Old Operator):

N0210-Chevron USA, Inc

11111 S Wilcrest

Houston, TX 77099

Phone: 1-(281) 561-4991

**TO:** ( New Operator):

N2615-XTO Energy Inc

2700 Farmington Ave, Bldg K Suite 1

Farmington, NM 87401

Phone: 1-(505) 324-1090

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ST OF UT T 36-10	36	160S	070E	4301530268	11866	State	GW	P
SWD 4	15	170S	080E	4301530490	13366	Fee	WD	A
SWD 5	23	170S	080E	4301530510	13403	Fee	WD	A
ST OF UT U 2-11	02	180S	070E	4301530270	11865	State	GW	P
ST OF UT U 2-48	02	180S	070E	4301530306	12145	State	GW	P
ST OF UT U 2-50	02	180S	070E	4301530308	12147	State	GW	P
PEACOCK 7-64	07	180S	070E	4301530327	12199	Fee	GW	P
P & K PEACOCK 8-62	08	180S	070E	4301530320	12238	Fee	GW	P
PEACOCK TRUST 8-61	08	180S	070E	4301530326	12209	Fee	GW	P
PEACOCK TRUST 8-63	08	180S	070E	4301530328	12205	Fee	GW	P
PEACOCK TRUST 9-60	09	180S	070E	4301530321	12206	Fee	GW	P
D & A JONES 9-59	09	180S	070E	4301530329	12202	Fee	GW	S
UP & L 14-55	14	180S	070E	4301530314	12148	Fee	GW	P
D&D CURTIS 14-54	14	180S	070E	4301530319	12346	Fee	GW	S
SWD 2	14	180S	070E	4301530323	12279	Fee	WD	A
R G NORRIS 14-40	14	180S	070E	4301530324	12334	Fee	GW	P
D & A JONES 15-68	15	180S	070E	4301530318	12200	Fee	GW	S
L & M CURTIS 15-67	15	180S	070E	4301530325	12278	Fee	GW	P
UP & L 23-51	23	180S	070E	4301530315	12208	Fee	GW	P
UP & L 24-57	24	180S	070E	4301530316	12207	Fee	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/28/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/28/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/19/20044. Is the new operator registered in the State of Utah: YES Business Number: 5655506-01435. If **NO**, the operator was contacted on:6a. (R649-9-2) Waste Management Plan has been received on: to follow6b. Inspections of LA PA state/fee well sites complete on: being worked

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/28/2004

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 9/30/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 9/30/2004
3. Bond information entered in RBDMS on: 9/30/2004
4. Fee/State wells attached to bond in RBDMS on: 9/30/2004
5. Injection Projects to new operator in RBDMS on: 9/30/2004
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 9/28/2004

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 579173

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 104312762
2. The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/5/2004

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

4301530306

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER. UTU-73965
2. NAME OF OPERATOR. XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR. 2700 Farmington, Bldg K-1 Farmington NM 87401		7. UNIT or CA AGREEMENT NAME
4. LOCATION OF WELL FOOTAGES AT SURFACE: 660' FSK & 792' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN SESE 10 17S 08E		8. WELL NAME and NUMBER. LM LEMMON #10-01
5. PHONE NUMBER. (505) 324-1090		9. API NUMBER. Various (see attached)
6. COUNTY: EMERY		10. FIELD AND POOL, OR WILDCAT: FERRON SANDSTONE
7. STATE: UTAH		

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start 1/1/2004	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. acquired wells from Chevron/Texaco on August 1, 2004. Chevron/Texaco failed to file a Notice of Intent to surface commingle these wells and XTO Energy Inc. was unaware until recently that nothing had been filed. We are including with this application for surface commingle a list of the wells in Emery County and a spreadsheet showing production figures for these wells. Each well has its own meter then runs through a central delivery point where allocations are made.

XTO Energy Inc. is requesting approval for the commingle of these wells as well as off-lease measurement. As wells are drilled, additional sundries will be submitted to add to our surface commingle.

COPY SENT TO OPERATOR  
Date: 6-12-07  
Initials: PM

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE <i>Holly C. Perkins</i>	DATE 5/15/2007

This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 6/11/07  
BY: *[Signature]*

Federal Approval Of This  
Action Is Necessary

RECEIVED  
MAY 18 2007

DIV. OF OIL, GAS & MINING



### Utah Wells Surface Commingled at Huntington CDP

Well Name	API #	Status	Lease
American West Group 15-128	43-015-30484	Shut In	State
Conover 14-171	43-015-30529	Producing	State
Gardner Trust 16-121	43-015-30478	Producing	State
Lemmon LM 10-01	43-015-30242	Producing	Federal
Malone 14-131	43-015-30556	Producing	State
Rowley 08-111	43-015-30486	Producing	State
Seeley 08-112	43-015-30495	Producing	State
Seeley Farms 09-117	43-015-30501	Producing	State
State of Utah 16-8-31-12D	43-015-30608	Producing	State
State of Utah 16-8-31-32DX	43-015-30634	Producing	State
State of Utah 16-8-31-44D	43-015-30606	Producing	State
State of Utah 16-8-32-43	43-015-30566	Producing	State
State of Utah 17-8-15-14	43-015-30622	Producing	State
State of Utah 17-8-15-33	43-015-30561	Producing	State
State of Utah 17-8-17-32	43-015-30672	Producing	State
State of Utah 17-8-18-12	43-015-30626	Producing	State
State of Utah 17-8-18-24	43-015-30678	Producing	State
State of Utah 17-8-18-31	43-015-30671	Producing	State
State of Utah 17-8-18-43	43-015-30670	Producing	State
State of Utah 17-8-20-22	43-015-30623	Producing	State
State of Utah 17-8-21-33	43-015-30679	Producing	State
State of Utah 17-8-21-41	43-015-30631	Producing	State
State of Utah 17-8-22-14	43-015-30676	Producing	State
State of Utah 17-8-22-21	43-015-30624	Producing	State
State of Utah 17-8-28-12X	43-015-30699	Producing	State
State of Utah 17-8-3-11X	43-015-30635	Producing	State
State of Utah 17-8-4-21	43-015-30620	Producing	State
State of Utah 17-8-5-42R	43-015-30686	Producing	State
State of Utah 17-8-7-34	43-015-30621	Producing	State
State of Utah 17-8-8-14	43-015-30673	Producing	State
State of Utah 36-138	43-015-30550	Producing	State
State of Utah 36-139	43-015-30530	Producing	State
State of Utah AA 07-105	43-015-30497	Producing	State
State of Utah AA 07-106	43-015-30396	Producing	State
State of Utah AA 07-146	43-015-30569	Producing	State
State of Utah BB 04-116	43-015-30503	Producing	State
State of Utah BB 05-107	43-015-30479	Producing	State
State of Utah BB 05-108	43-015-30480	Producing	State
State of Utah BB 05-109	43-015-30481	P&A	State
State of Utah BB 05-110	43-015-30482	Producing	State
State of Utah BB 08-113	43-015-30496	Shut In	State
State of Utah BB 09-119	43-015-30437	Producing	State
State of Utah BB 09-120	43-015-30444	Producing	State
State of Utah CC 03-161	43-015-30552	Producing	State
State of Utah CC 10-123	43-015-30454	Producing	State
State of Utah CC 10-124	43-015-30438	Producing	State
State of Utah FF 10-125	43-015-30458	Producing	State
State of Utah FF 11-129	43-015-30459	Producing	State
State of Utah FF 11-130	43-015-30462	Shut In	State

### Utah Wells Surface Commingled at Huntington CDP

State of Utah FO 02-186	43-015-30533	Producing	State
State of Utah FO 02-188	43-015-30553	Producing	State
State of Utah GG 03-122	43-015-30499	Producing	State
State of Utah GG 04-115	43-015-30504	Producing	State
State of Utah HH 03-133	43-015-30500	Producing	State
State of Utah II 36-95	43-015-30509	Producing	State
State of Utah II 36-96	43-01530508	Shut In	State
State of Utah KK 32-144	43-015-30567	Producing	State
State of Utah QQ 31-201	43-015-30592	Producing	State
State of Utah SS 22-165	43-015-30520	Producing	State
State of Utah T 36-10	43-015-30268	Producing	State
State of Utah T 36-100	43-015-30506	Producing	State
UP&L 06-102	43-015-30441	Producing	State
UP&L 06-103	43-015-30483	Producing	State
UP&L 06-104	43-015-30442	Producing	State
UP&L Federal 01-101	43-015-30511	Producing	Federal
Utah Federal 01-205D	43-015-30589	Producing	Federal
* Utah Federal 16-7-35-21	43-015-30602	Producing	Federal
* Utah Federal 16-7-35-32	43-015-30603	Producing	Federal
* Utah Federal 17-7-12-22D	43-015-30605	Producing	Federal
* Utah Federal 17-7-12-24D	43-015-30604	Producing	Federal
* Utah Federal 17-7-12-42	43-015-30591	Producing	Federal
* Utah Federal 17-7-12-43	43-015-30601	Producing	Federal
Utah Federal 17-7-3-41D	43-015-30697	Producing	Federal
Utah Federal KK 01-140	43-015-30507	Producing	Federal
Utah Federal KK 01-141	43-015-30559	Producing	Federal
Utah Federal M 06-25	43-015-30292	Producing	Federal
WH Leonard 15-127	43-015-30485	Producing	State
Wm S Ivie 09-118	43-015-30443	Producing	State
Zion's Federal 35-135R	43-015-30521	Producing	Federal
* Zion's Federal 17-7-2-11	43-015-30590	Producing	Federal
Zion's Federal 35-137	43-015-30587	Producing	Federal

# Utah Wells Surface Commingled at Orangeville CDP

Well Name	API #	Status	Lease	Notes
Curtis D&D 14-54	43-015-30319	Shut In	Federal	
Curtis L&M 10-58	43-015-30310	Shut In	Federal	
Curtis L&M 15-67	43-015-30325	Producing	Federal	
Federal A 18-7-26-12	43-015-30445	Producing	Federal	
Federal A 26-02	43-015-30244	Shut In	Federal	
Federal A 26-04	43-015-30246	Shut In	Federal	
Federal A 34-07	43-015-30249	Producing	Federal	
Federal A 35-05	43-015-30248	Producing	Federal	
Federal A 35-06	43-015-30247	Producing	Federal	
Federal A 35-89	43-015-30446	Producing	Federal	
Federal B 21-03	43-015-30243	Shut In	Federal	
Federal C 18-7-23-23R	43-015-30629	Producing	Federal	
Federal C 23-08	43-015-30245	Producing	Federal	
Federal P 03-92	43-015-30448	Producing	Federal	
Federal P 03-93	43-015-30449	Producing	Federal	
Federal T 18-07-22-34	43-015-30452	Producing	Federal	
Federal T 22-69	43-015-30451	Producing	Federal	
Federal T 27-87	43-015-30456	P&A	Federal	
Ferron St 4-36-18-7	43-015-30253	Producing	Federal	Operator: Merrion Oil & Gas
Jensen AL 27-09	43-015-30259	Shut In	State	
Jones D&A 09-59	43-015-30329	Producing	Federal	
Jones D&A 15-68	43-015-30318	Shut In	State	
Klinkhammer 1	43-015-30610	Shut In	Federal	Operator: Merrion Oil & Gas
Norris RG 14-40	43-015-30324	Producing	Federal	
Peacock 07-64	43-015-30327	Producing	Federal	
Peacock P&K 08-62	43-015-30320	Producing	Federal	
Peacock Trust 08-61	43-015-30326	Producing	Federal	
Peacock Trust 08-63	43-015-30328	Producing	Federal	
Peacock Trust 09-60	43-015-30321	Producing	Federal	
State of Utah 01-97	43-015-30498	Producing	State	
State of Utah 17-7-36-33R	43-015-30687	Producing	State	
State of Utah 17-8-19-11D	43-015-30695	P&A	State	
State of Utah 18-7-2-33R	43-015-30674	Producing	State	
State of Utah DD 31-98	43-015-30439	Producing	State	
<del>State of Utah II 36-95</del>	<del>43-015-30509</del>	Producing	State	
<del>State of Utah II 36-96</del>	<del>43-015-30508</del>	P&A	State	
State of Utah U 02-11	43-015-30270	Producing	State	
State of Utah U 02-48	43-015-30306	Producing	State	
State of Utah U 02-49	43-015-30309	P&A	State	
State of Utah U 02-50	43-015-30308	Producing	State	
State of Utah X 16-65	43-015-30312	Shut In	State	
State of Utah X 16-66	43-015-30311	Producing	State	
UP&L 14-53	43-015-30313	Producing	State	
UP&L 14-55	43-015-30314	Producing	Federal	
UP&L 23-51	43-015-30315	Producing	Federal	
UP&L 24-57	43-015-30316	Producing	State	
USA 03-74	43-015-30383	Producing	Federal	

### Utah Wells Surface Commingled at Orangeville CDP

USA 03-75	43-015-30384	Producing	Federal	
USA 11-72	43-015-30387	Producing	Federal	
USA 18-7-11-23	43-015-30640	Producing	State	
USA 34-80	43-015-30389	Shut In	Federal	
USA 34-82	43-015-30390	Producing	Federal	
Utah Federal 17-7-35-42	43-015-30641	Drilling	Federal	
Utah Federal 18-7-27-44R	43-015-30628	Producing	Federal	
Utah Federal 18-7-9-11	43-015-30639	Producing	Federal	
Utah Federal D 34-12	43-015-30282	Producing	Federal	
Utah Federal D 35-13	43-015-30285	Producing	Federal	
Utah Federal D 35-14	43-015-30286	Producing	Federal	
Utah Federal D 35-15	43-015-30287	Producing	Federal	
Utah Federal H 06-21	43-015-30294	TA	Federal	
Utah Federal P 10-42	43-015-30276	Producing	Federal	
Utah Federal P 10-43	43-015-30277	Producing	Federal	
Utah Federal P 10-47	43-015-30258	Producing	Federal	
Utah Federal Q 04-44	43-015-30280	Producing	Federal	
Utah Federal R 09-45	43-015-30275	Producing	Federal	
Utah Federal S 08-46	43-015-30274	Producing	Federal	
Utah State 01-76	43-015-30381	Producing	State	
Utah State 36-78	43-015-30382	Producing	State	

## BUZZARD BENCH OIL AND GAS PRODUCTION

## MONTHLY GAS PRODUCTION

## ACTUAL ALLOCATED SALES

Light Wells

Apr-05

WELL		Days On	MONTHLY WATER PRODUCTION	Coastal Statement	PROD %	FIELD ESTIMATED PRODUCTION										ALLOCATED SALES		Lsa Use Gas (m3)	VENTED CO2		VENTED GAS	ADJ	FIELD PRODUCTION
No.						EST PROD	Gas	Lsa Use Gas	Vented CO2	Vented GAS	ADJ	FIELD ESTIMATED SALES	SALES	CO2	GAS								
	10-01	30	435	1478	0.00488716	1479	45	36	98	179	1299	1246	81	98	98	179	1425						
	T35-10	30	2667	18292	0.05048442	18298	45	447	1708	2200	16099	15424	492	1708	1708	2200	17624						
	M08-25	30	723	16969	0.05610978	16975	45	414	2280	2739	14236	14308	459	2280	2280	2739	17047						
	H06-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	07-106	30	879	5052	0.01673803	5064	45	124	789	958	4106	4268	169	789	789	958	5226						
	09-119	30	85	725	0.0024009	725	45	18	108	171	558	512	53	108	108	171	783						
	10-124	30	129	951	0.00314458	951	45	23	38	136	445	902	68	38	38	136	909						
	06-102	30	823	20112	0.06650244	20119	45	491	2219	2755	17364	18959	536	2219	2219	2755	19714						
	06-104	30	809	12922	0.04272795	12925	45	315	2156	2516	10410	10895	350	2156	2156	2516	13412						
	09-118	30	163	757	0.00263536	757	45	19	80	147	752	758	67	80	80	147	836						
	09-120	30	214	899	0.00297264	899	45	22	80	147	752	758	67	80	80	147	905						
	18-7-23-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	17-8-15-33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	10-123	30	261	1348	0.0044573	1348	45	33	89	167	1182	1137	78	89	89	167	1304						
	10-125	30	266	536	0.00177234	536	45	13	32	90	446	452	58	32	32	90	542						
	11-129	29	0	396	0.00130942	395	44	10	16	55	327	334	53	16	16	55	403						
	11-130	30	1847	1521	0.00053567	162	45	4	7	56	105	137	49	7	7	56	193						
	16-121	30	278	757	0.0025031	757	45	18	42	105	659	6940	244	1397	1397	1641	8581						
	05-107	29	242	8230	0.02721336	8233	44	201	830	955	3940	4160	165	830	830	955	1285						
	05-108	30	611	4934	0.01631479	4936	45	120	133	209	1044	1056	76	133	133	209	1508						
	05-109	30	113	1252	0.00413987	1252	45	31	194	275	1188	1233	81	194	194	275	9210						
	05-110	30	3	1462	0.00483426	1463	45	36	1241	1509	7627	7701	268	1241	1241	1509	0						
	06-103	30	946	9133	0.03019922	9136	45	223	0	0	0	0	0	0	0	0	0						
	15-126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	15-127	30	1452	3530	0.01167232	3531	44	58	226	357	3174	2877	131	226	226	357	3334						
	08-111	29	43	1513	0.00500289	1514	44	37	203	283	1230	1276	80	203	203	283	1559						
	08-112	30	118	13261	0.00438456	1326	45	32	143	220	1106	1118	77	143	143	220	1338						
	08-113	30	0	756	0.00249979	756	45	18	108	171	585	637	63	108	108	171	808						
	07-105	30	909	5760	0.02235265	6782	45	165	1197	1407	5355	5700	210	1197	1197	1407	7107						
	03-122	30	0	456	0.00150781	456	45	11	30	86	370	385	56	30	30	86	471						
	03-133	30	102	331	0.00109449	331	45	8	18	71	260	279	53	18	18	71	350						
	09-117	30	37	945	0.00312805	946	45	23	136	204	742	798	68	136	136	204	1002						
	04-116	30	114	603	0.00199388	603	45	15	63	123	480	508	50	63	63	123	631						
	04-115	30	258	1186	0.00392163	1186	45	29	130	204	982	1000	74	130	130	204	1204						
	136-100	30	3714	34839	0.11519881	34851	45	851	5000	5996	28955	29376	896	5000	5000	5996	35272						
	01-140	30	506	4065	0.01344135	4088	45	99	462	506	3460	3428	144	462	462	506	4034						
	01-101	30	1199	24478	0.08063908	24486	45	596	2937	3580	20907	20640	643	2937	2937	3580	24220						
	22-165	30	1690	4630	0.01530958	4632	45	113	162	320	4312	1296	37	162	162	320	4224						
	35-135R	30	4133	1501	0.00496321	1502	0	37	142	179	1323	1296	158	142	142	179	1445						
	14-171	30	3033	4645	0.01535918	4647	45	113	163	321	4325	3917	158	163	163	321	4238						
	35-139	30	734	9013	0.02980243	9016	45	220	1062	1327	7689	7600	255	1062	1062	1327	8927						
	02-186	30	193	575	0.0019013	575	45	14	42	101	474	485	59	42	42	101	586						
	36-138	30	655	5299	0.0175217	5301	45	129	398	570	4730	4468	174	398	398	570	5938						
	03-161	30	61	558	0.00184509	558	45	14	48	107	452	471	59	48	48	107	578						
	02-188	20	176	923	0.003052	923	45	23	71	164	811	778	68	71	71	164	891						
	14-131	30	793	1967	0.00650409	1968	45	48	283	382	1827	1862	99	283	283	382	1823						
	01-141	30	59	2208	0.00730098	2209	45	54	283	382	25047	26466	811	5540	5540	6351	2244						
	32-144	30	3738	31387	0.10378441	31398	45	766	6540	6351	2156	2327	57	6538	6538	605	32817						
	07-145	30	672	2760	0.00912623	2761	0	67	538	1586	10057	9792	284	1276	1276	1586	2932						
	35-137	30	1356	11613	0.00835995	11617	0	284	1276	1586	2338	2242	65	287	287	322	2564						
	01-205D	30	4123	2659	0.00879228	2660	0	55	257	322	29871	29917	865	4755	4755	5621	35538						
	31-201	30	1581	35480	0.11731834	35492	0	966	4755	5621	254225	255009	9312	38990	38990	48302	303311						
			3726	302425		3025291	1930	5	7383	38990	48302	255006											

Wells		Days On	MONTHLY WATER PRODUCTION	FIELD ESTIMATED PRODUCTION										ACTUAL ALLOCATED SALES										TOTAL ADJ	FIELD PRODUCTION
Costal Statement	PROD %			FIELD EST PROD	Irr Gas	Lse Use Gas	Vented Gas	Vented Gas	VENTED GAS	ADJ	FIELD ESTIMATED SALES	ALLOCATED SALES	Lse Use Gas	Vented CO2	Vented Gas	TOTAL VENTED									
B21-03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
A26-02	25	88	490	0.00165775	490	391	13	15	15	571	423	432	52	15	15	15	67	499	8,760						
C23-08	30	3432	9140	0.03092205	9,140	451	236	437	437	718	8,422	8,062	281	437	437	437	718	8,760	28,168						
A25-04	15	0	68	0.00023005	68	23	2	2	2	26	42	601	24	2	2	2	26	86	2,501						
A35-06	30	121	29093	0.09844307	29,098	45	150	1,706	1,706	2,501	28,597	25,965	795	1,706	7	7	41	298	5,293						
A35-05	18	700	759	0.00097773	289	27	7	6	6	41	248	255	34	7	7	7	545	5,293	343						
A34-07	30	2845	5383	0.01821153	5,383	45	39	361	361	545	4,834	4,748	184	361	6	6	220	343	0						
P10-47	30	734	391	0.00047026	139	210	4	6	6	220	81	123	214	0	0	0	0	0	0						
IAME PROB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
A27-09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
U02-11	30	50211	15291	0.05173154	15,291	451	304	1,255	1,255	1,694	13,597	13,487	439	1,255	230	230	446	904	15,101						
S08-46	29	1	519	0.00175586	519	203	13	230	230	446	73	392	221	102	102	102	323	715	0						
R09-45	30	36	444	0.00150212	444	210	11	102	102	323	121	722	65	144	144	144	209	931	0						
P10-42	29	7809	819	0.00277308	819	44	21	144	144	206	610	534	61	61	61	61	122	658	0						
P10-43	30	3050	605	0.00204581	605	45	16	61	61	22	483	534	61	61	61	61	125	188	0						
Q04-44	16	5442	71	0.0002402	71	12	2	11	11	125	54	63	114	11	11	11	200	1,497	0						
D34-12	24	2583	1471	0.00497662	1,471	36	38	126	126	200	1,271	1,297	74	126	349	349	417	1,207	0						
D35-13	30	142110	295	0.000303131	396	45	23	349	349	417	479	790	68	349	57	57	101	355	0						
D35-14	24	647	293	0.00099126	293	36	8	57	57	101	192	258	44	57	57	57	1910	20,346	0						
D35-15	30	1830	20903	0.07071811	20,903	45	539	1,326	1,326	1,910	18,993	18,438	584	1,326	1,326	1,326	1,910	20,346	0						
H06-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
U02-48	25	7527	2310	0.00781509	2,310	42	60	148	148	250	165	2,423	2,384	15	165	165	280	2,664	0						
U02-50	30	706	2703	0.00914457	2,703	45	70	165	165	280	296	305	31	165	18	18	49	355	0						
U02-49	15	173	347	0.0017396	347	23	9	18	18	49	0	0	0	0	0	0	0	0	0						
10-58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
X16-66	23	307	290	0.00098112	290	42	7	38	38	87	203	256	49	38	38	38	87	343	0						
X16-65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
14-53	30	298	827	0.00279787	827	45	21	50	50	116	711	729	66	50	50	50	116	845	0						
14-55	30	9023	85522	0.41965343	124,042	90	3,196	7,739	7,739	11,025	113,017	109,405	3,266	7,739	7,739	7,739	11,025	120,430	0						
14-55A	30		58520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
23-51	30	175	259	0.00091007	269	45	7	9	9	61	208	237	52	9	9	9	61	258	0						
24-57	30	254	581	0.00230393	581	45	18	22	22	85	596	601	63	22	22	22	85	686	0						
15-68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
14-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
08-62	29	23	491	0.00166113	491	44	13	179	179	235	256	433	55	179	179	179	235	598	0						
09-60	29	1445	1074	0.00363351	1,074	44	28	294	294	365	709	947	71	294	294	294	365	1,312	0						
14-40	30	4320	2701	0.0091379	2,701	45	70	154	154	269	2,432	2,382	115	154	154	154	269	2,851	0						
15-67	26	1202	261	0.000883	261	39	7	14	14	60	201	230	46	14	14	14	60	290	0						
08-51	30	478	9427	0.03189301	9,427	45	243	528	528	816	8,611	8,315	288	528	528	528	816	9,131	0						
07-54	30	1092	1557	0.00560589	1,557	45	43	495	495	583	1,074	1,461	88	495	495	495	583	2,044	0						
06-63	30	264	1654	0.00559574	1,654	45	43	777	777	865	789	1,459	88	777	777	777	865	2,324	0						
09-59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
01-76	30	3108	4980	0.01684812	4,980	45	128	326	326	499	4,481	4,392	173	326	326	326	499	4,891	0						
35-78	30	903	5802	0.01962907	5,802	45	150	380	380	575	5,227	5,117	195	380	380	380	575	5,692	0						
03-74	27	24620	1325	0.00446268	1,325	41	34	130	130	105	1,220	1,169	75	130	130	130	105	1,274	0						
03-75	30	5879	4396	0.01487235	4,396	45	113	299	299	457	3,939	3,877	158	299	299	299	457	4,334	0						
11-72	30	45297	522	0.00311927	922	45	24	177	177	246	676	813	69	177	177	177	246	1,059	0						
34-80	15	44	113	0.0003823	113	24	3	21	21	48	65	100	27	21	21	21	48	149	0						
34-82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
31-98	30	10	1482	0.00501384	1,482	45	38	133	133	216	1,268	1,307	83	133	133	133	216	1,523	0						
A35-89	30	9902	34803	0.11774398	34,803	45	897	2,021	2,021	2,963	31,840	30,696	942	2,021	2,021	2,021	2,963	33,659	0						
P03-92	30	1184	336	0.00299748	886	45	23	89	89	157	729	781	68	89	89	89	157	936	0						
P03-93	28	9434	546	0.00218552	646	42	17	96	96	155	491	570	59	96	96	96	155	725	0						
T22-69	30	320	1130	0.00382297	1,130	45	29	58	58	32	998	997	74	58	58	58	132	1,129	0						
T27-87	30	574	546	0.0018472	546	45	14	27	27	86	460	482	59	27	27	27	86	568	0						
01-97	30	0	1194	0.00403948	1,194	0	31	73	73	104	1,090	1,053	31	73	73	73	104	1,157	0						
36-58	30	61	470	0.00159308	470	0	12	49	49	61	409	415	12	49	49	49	61	476	0						
36-95	30	1503	1260	0.00426278	1,260	0	32	130	130	162	1,098	1,111	32	130	130	130	162	1,273	0						
MERRON GAS WELLS																									
hammer		29	10537	481	0.0016273	481	0	12	15	27	454	424	12	15	15	15	27	451	0						
al	4-36-18-7	30	985	493	0.0016679	493	0	0	28	28	465	435	0	28	28	28	463	463	0						
PIPELINE			353057	255582		255,582	2,428	7,604	20,777	30,528	264,753	260,704	10,043	20,777	20,777	20,777	30,832	291,535	0						
										BTU	32	SALES, TR	260704		SALES LESS MERRION WELLS			259,844	0						

LE WELLS FROM OCEAN STATEMENT

	20777				SALES DIFFERENCE		
	0						
	7604				7604	0	
	2448			2448			
	0			0			
Id statement + memon	974						
	31803						

3578 J 0137 5

395211	597033	597137	4379	14975	59724	59724	790771	518060	514853	59355	59724	59724	79079	593932
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OCT 12 2004

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO ENERGY INC. *N2615*

3. ADDRESS OF OPERATOR:  
2700 Farmington Bldg K, Sul. Farmington

STATE NM ZIP 87401

PHONE NUMBER:  
(505) 324-1090

5. LEASE DESIGNATION AND SERIAL NUMBER:  
Various Leases

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
See attached list

9. API NUMBER:  
Multiple

10. FIELD AND POOL, OR WILDCAT:  
Buzzard Bench

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Emery

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective August 1, 2004, the operator changed from Chevron U.S.A. Inc. to XTO ENERGY INC. for all wells on the attached list.

BLM #579173

State and Fee Bond #104312762

RECEIVED

MAY 18 2007

DIV. OF OIL, GAS & MINING

*Kenneth W. Jackson*

Kenneth W. Jackson Regulatory Specialist ChevronTexaco for Chevron U.S.A. Inc. *N0210*

NAME (PLEASE PRINT) *James L. Death*

TITLE *Vice President-Land*

SIGNATURE *James L. Death*

DATE *8/16/04*

(This space for State use only)

APPROVED *9/30/2004*

*Earlene Russell*

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

(5/2000)

RECEIVED

SEP 28 2004

DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>CONFIDENTIAL</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-67532
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2700 Farmington Ave. Bldg K CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1815' FNL & 897' FWL QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 26 18S 07E		8. WELL NAME and NUMBER: FEDERAL A 18-7-26 #12
PHONE NUMBER: (505) 324-1090		9. API NUMBER: 4301530445
COUNTY: EMERY		10. FIELD AND POOL, OR WILDCAT: BUZZARD BENCH ABO
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>SURFACE</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>COMMINGLE</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. proposes to surface commingle the following two wells into our Orangeville CDP:

Federal A 18-7-26 #12; Sec 26-T18S-R07E; 1815' FNL & 897' FWL; 43-015-30445; UTU-67532; Buzzard Bench  
Federal T 18-7-22 #34; Sec 22-T18S-R07E; 539' FSL & 1831' FEL; 43-015-30452; UTU-68535; Buzzard Bench

Both of these wells have their own wellhead allocation meter. Both wells will have the sales point or custody transfer at the Orangeville System.

COPY SENT TO OPERATOR

Date: 7-11-05

Initials: CNO

NAME (PLEASE PRINT) HOLLY C. PERKINS TITLE REGULATORY COMPLIANCE TECH  
SIGNATURE Holly C. Perkins DATE 6/23/2005

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

RECEIVED

JUN 29 2005

DIV. OF OIL, GAS & MINING

(5/2000)

Date: 7/8/05 (See Instructions on Reverse Side)

By: Dustin Ducret

Dustin Ducret ??

WELLS FROM COASTAL STATEMENT		0	302425			
	38990					
	104		104			
	256029					
s Check #	0				0	
s Check #2	0					
	7383			7383	0	
	1931		1930 5			
	0					
	304437		302529	1930 5	7383	0

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT OR CA AGREEMENT NAME:
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: MULTIPLE STEELH U 2-48
4. LOCATION OF WELL FOOTAGES AT SURFACE: MULTIPLE		9. API NUMBER: MULTIPLE 43 015 303016
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 18S 7E 2		10. FIELD AND POOL, OR WILDCAT:

COUNTY: EMERY

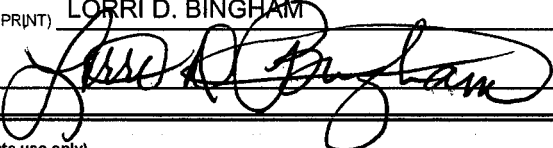
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SURFACE
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	COMMINGLE

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. applied for surface commingle on the attached list of wells on 7/5/07 and State of UT DOGM approval was received on 7/13/07. Due to the rejection of the Federal application, XTO would like to withdraw the commingling application and subsequent work will not be done.

NAME (PLEASE PRINT) LORRI D. BINGHAM TITLE REGULATORY COMPLIANCE TECH  
SIGNATURE  DATE 9/23/2008

(This space for State use only)

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Utah Wells Surface Commingled at Orangeville CDP				
Well Name	API #	Status	Lease	Notes
Curtis D&D 14-54	43-015-30319	Shut In	Federal	
Curtis L&M 10-58	43-015-30310	Shut In	Federal	
Curtis L&M 15-67	43-015-30325	Producing	Federal	
Federal A 18-7-26-12	43-015-30445	Producing	Federal	
Federal A 26-02	43-015-30244	Shut In	Federal	
Federal A 26-04	43-015-30246	Shut In	Federal	
Federal A 34-07	43-015-30249	Producing	Federal	
Federal A 35-05	43-015-30248	Producing	Federal	
Federal A 35-06	43-015-30247	Producing	Federal	
Federal A 35-89	43-015-30446	Producing	Federal	
Federal B 21-03	43-015-30243	Shut In	Federal	
Federal C 18-7-23-23R	43-015-30629	Producing	Federal	
Federal C 23-08	43-015-30245	Producing	Federal	
Federal P 03-92	43-015-30448	Producing	Federal	
Federal P 03-93	43-015-30449	Producing	Federal	
Federal T 18-07-22-34	43-015-30452	Producing	Federal	
Federal T 22-69	43-015-30451	Producing	Federal	
Federal T 27-87	43-015-30456	P&A	Federal	
Ferron St 4-36-18-7	43-015-30253	Producing	Federal	Operator: Merrion Oil & Gas
Jensen AL 27-09	43-015-30259	Shut In	State	
Jones D&A 09-59	43-015-30329	Producing	Federal	
Jones D&A 15-68	43-015-30318	Shut In	State	
Klinkhammer 1	43-015-30610	Shut In	Federal	Operator: Merrion Oil & Gas
Norris RG 14-40	43-015-30324	Producing	Federal	
Peacock 07-64	43-015-30327	Producing	Federal	
Peacock P&K 08-62	43-015-30320	Producing	Federal	
Peacock Trust 08-61	43-015-30326	Producing	Federal	
Peacock Trust 08-63	43-015-30328	Producing	Federal	
Peacock Trust 09-60	43-015-30321	Producing	Federal	
State of Utah 01-97	43-015-30498	Producing	State	
State of Utah 17-7-36-33R	43-015-30687	Producing	State	
State of Utah 17-8-19-11D	43-015-30695	P&A	State	
State of Utah 18-7-2-33R	43-015-30674	Producing	State	
State of Utah DD 31-98	43-015-30439	Producing	State	
State of Utah II 36-95	43-015-30509	Producing	State	
State of Utah II 36-96	43-015-30508	P&A	State	
State of Utah U 02-11	43-015-30270	Producing	State	
State of Utah U 02-48	43-015-30306	Producing	State	
State of Utah U 02-49	43-015-30309	P&A	State	
State of Utah U 02-50	43-015-30308	Producing	State	
State of Utah X 16-65	43-015-30312	Shut In	State	
State of Utah X 16-66	43-015-30311	Producing	State	
UP&L 14-53	43-015-30313	Producing	State	
UP&L 14-55	43-015-30314	Producing	Federal	
UP&L 23-51	43-015-30315	Producing	Federal	
UP&L 24-57	43-015-30316	Producing	State	
USA 03-74	43-015-30383	Producing	Federal	

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